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PHARMACOPEIA







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His Book

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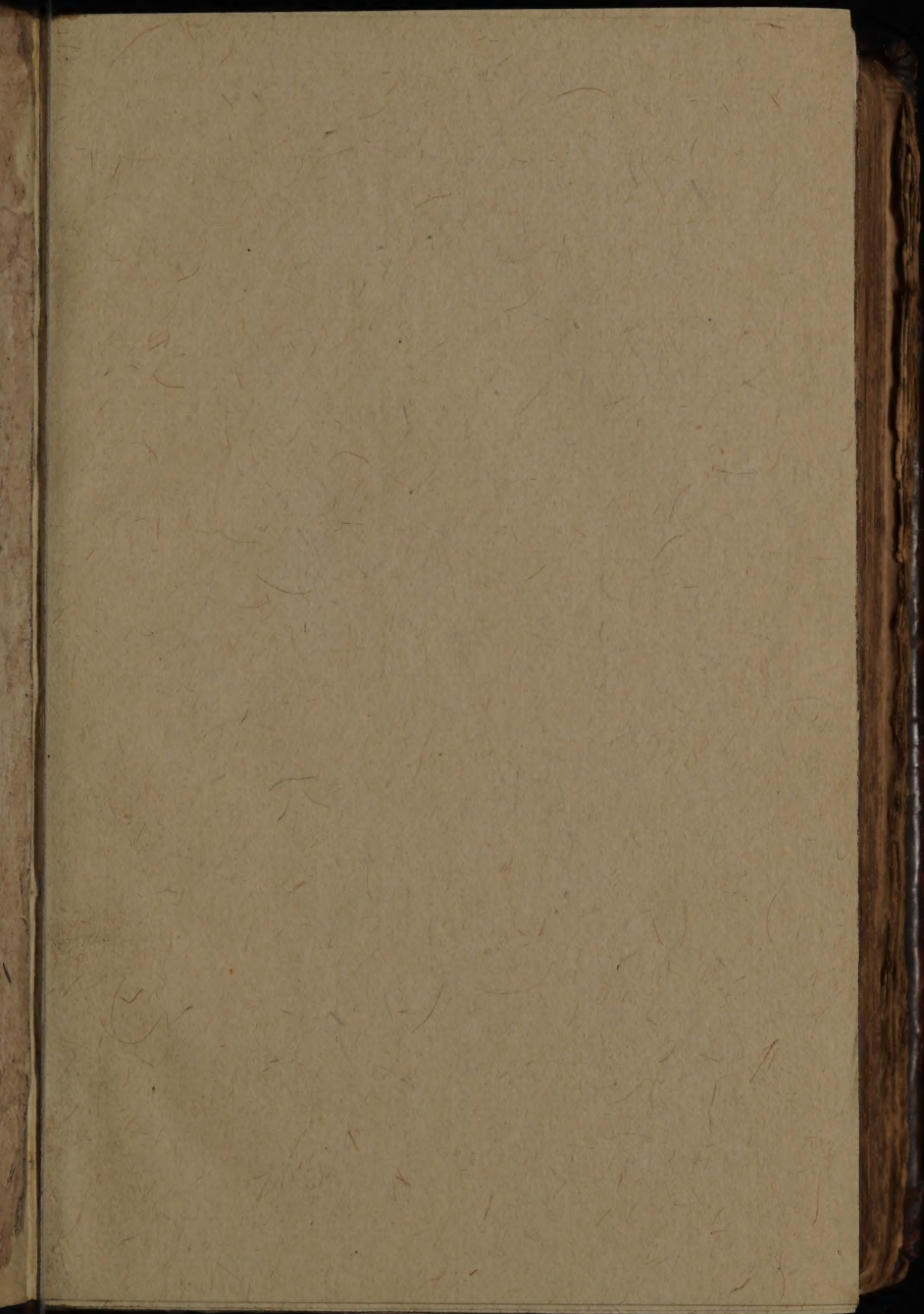
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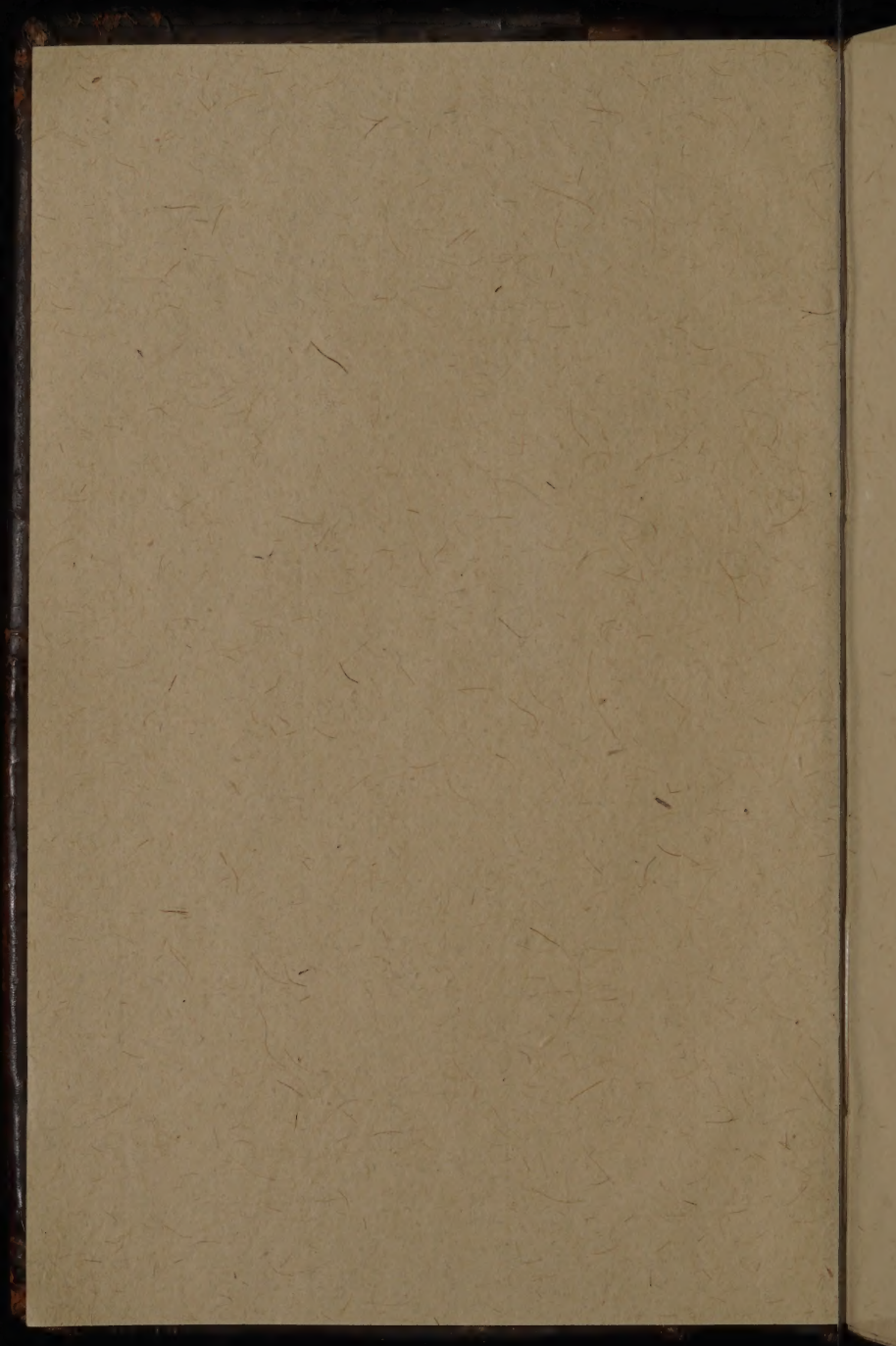
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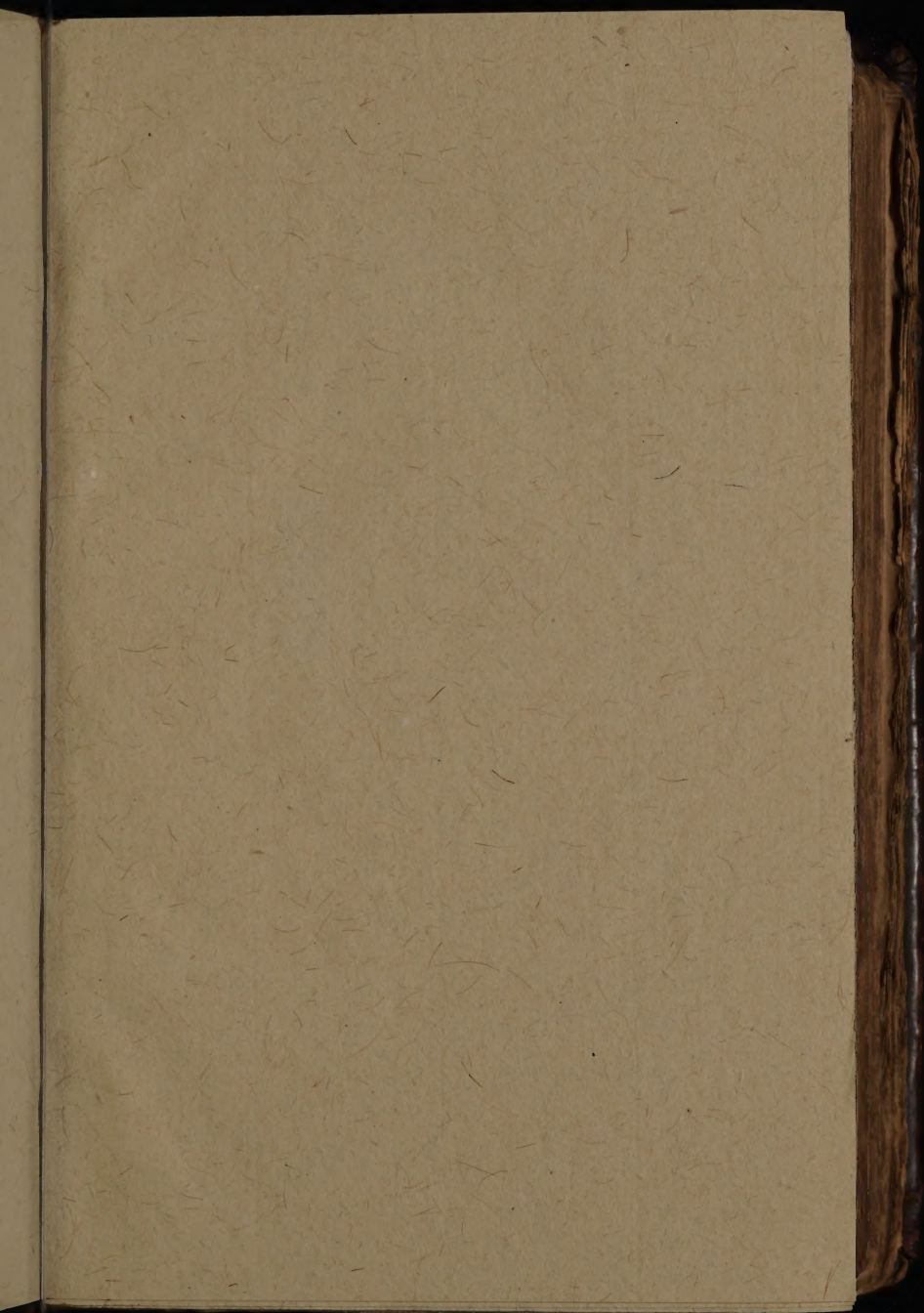
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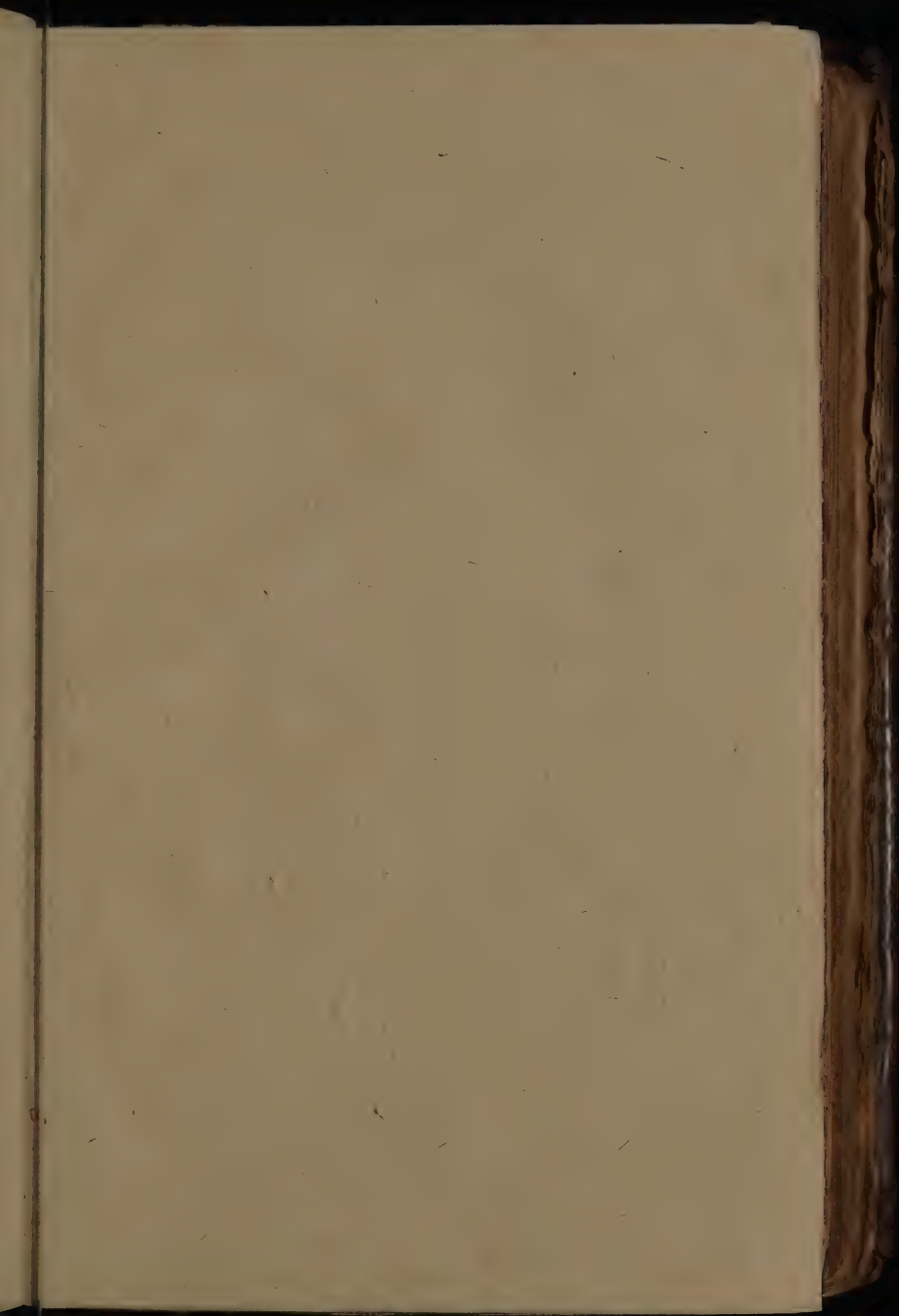
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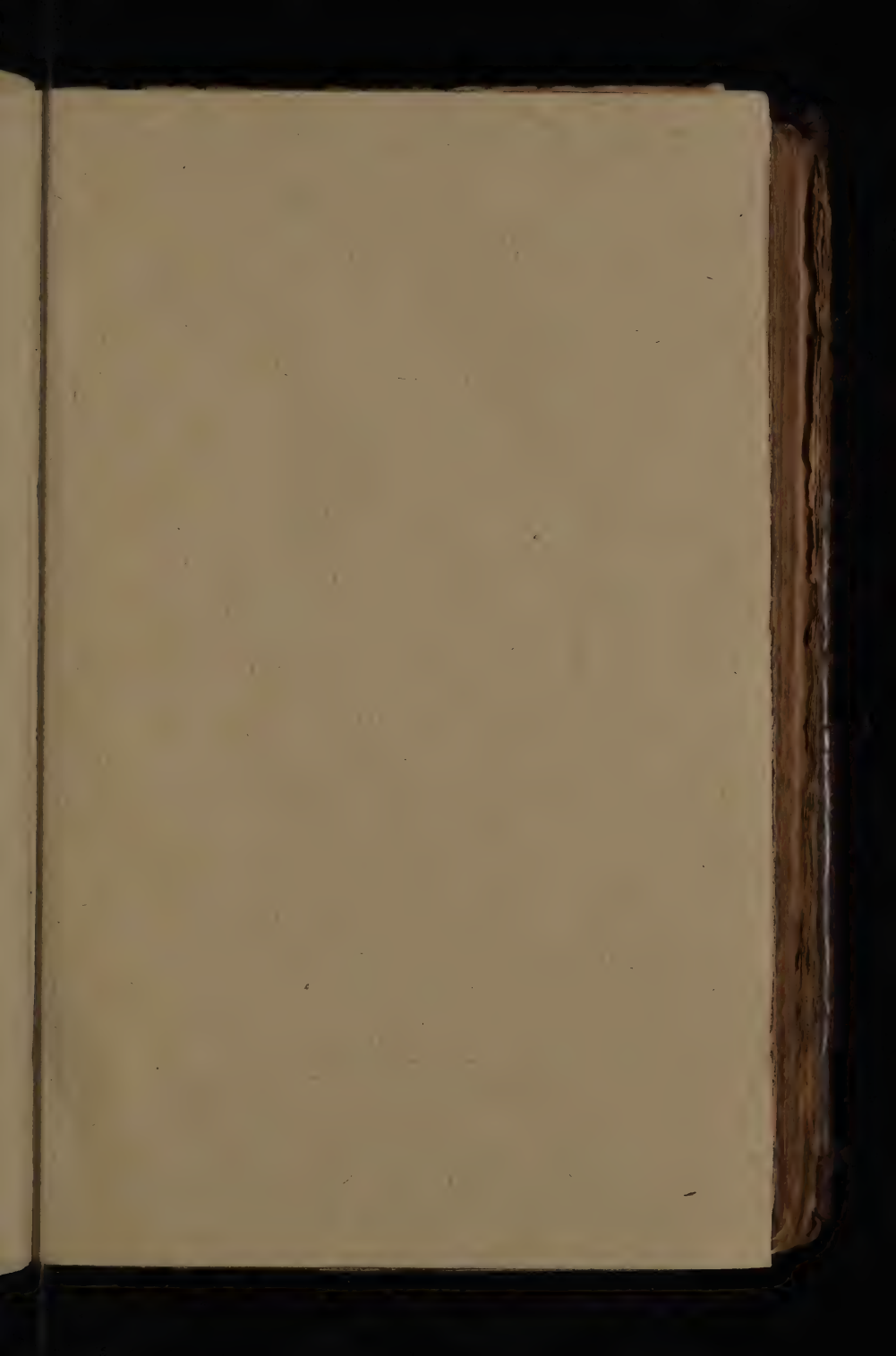
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The PREFACE.

WE here present the World with a Translation of the London Dispensatory, lately Reformed by the Fellows, now living, of the Colledge of Physicians: being a Compendious Collection of the choicest Medicaments, whether Gallenical or Chymical yet known or in Request. To which we have added certain Animadversions upon their Preparations, with their severall Virtues and Uses, Collected from multitude of Observations; so the end that all the Sons of Art and Lovers of Learning might receive something of Satisfaction from Experience it self, upon which as some suppose (and not without great Probability) all the Rules and Precepts of Medicine are founded and built.

As it is not our Design to bind or constrain any Man to our particular Mode or Way of Preparing Medicaments, or to introduce new and fantastick Methods to the World; so it is as far from us to prostitute the Oracles of Apollo, or sacred Reliques of Æsculapius to prophane and Unworthy Minds. For it requires discretion to unravel the very manifest powers and forces of Medicaments, and a good proficiency in Medical and Hermetick Knowledge, to make a proper Deduction, and to draw forth a natural Consequence from their Essentiall Virtues, and Ultimate Effects; without which it is impossible to Read with profit to the Mind, or to understand the depth of those things, which (in few words) we have couched together: all which lye clouded under the formalities of General Nations.

Without understanding the Method of the Praxis of Physick, it is impossible but to run into gross Errors and Absurdities. A man may read all his life long, and the very choice of

THE PREFACE.

of all Authors; but if he has not the Practick part, be at Loss when he comes to a Patient: Whereas the Practicall Physician knows immediately what to do, what Medicament is best first to be applyed, and the reason of that Application. He knows experimentally the power of his Medicament: what he dares trust to, and what his Patient may expect from them: Whereas the other can't act at all: or if he does, it is with great fears and doubts and many revolutions in his own mind, as being ignorant of Practicall Indications and Experimental Assurance.

If what we here present the world with be kindly accepted, we may be encouraged hereafter to present to the publick View a Rational Method of preparing of Medicaments, grounded upon Truth and sensible Demonstration, wherein the Excellency of that our Hypothesis shall plainly appear: which although it may seem strange at first, it can only be to such as believe that no body knows more than themselves, who think that the universality of all Learning is lock't up within their Microcosm, and that if they be ignorant of it, so must all the rest of the World be besides: such there are in the World, and from such, I can expect nothing but Slander and Calumny. But the best is, 'Tis not my portion alone, therein I may be a Companion of the best of men: It was always the Fate of the first Authors of any Invention (though never so good) to meet with Opprobry and Contempt: And I yet know no reason why I alone should be exempt from the Common Destiny or general Fate.

Those persons are such, as Envy Glory to all except themselves, and generally their Malice arises (not from the matter invented, for that they greedily Covet, but) because of the Person inventing: because They were not the Original of it, or cannot obtain the Glory, therefore it is either false, incongruous, unnecessary, useless, or impossible. Or, if the matter be too Laudable to be branded with those Epithites, the Fate of that Worthy man Dr. Harvey, about his circulation of the Blood is unavoidable, viz. That it is

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ing, they knew as much before : *Hypocrates* and *Galen* found it out ; it is contained in such a Book, such a Chapter, such an Aphorism : although the words by them there cited, contain no more discovery of the thing in dispute (though trained by all the Tropes and Figures of Rhetorick) than the *Alcoran* does of the Bible.

In the first three Books of the following Work, we have given you the Virtues and Uses, together with the choicest Preparations (both according to the Old and Paracelsian Methods) of the whole *Materia Medica*, whether Vegetable, Animal or Mineral. You have the Natures and Properties of all sorts of Roots, Barks, Woods, Herbs, Flowers, Fruits, Seeds, Gums, and Juices, in the first Book : the Qualities and Virtues of all sorts of living Creatures, taken from Man, Beasts, Fowls, Fish, Serpents, Insects, and their several parts, in the Second Book. The Preparation, Powers, and Operations of all sorts of Minerals, as Metals, Semi-metals, Salts, Sulphur, Stones, Earths and Waters, in the Third Book.

In the Fourth and Fifth Books are contained the chief Compound officinal Medicaments both Internal and External, comprehended under the Titles of I. Waters, Spirits, Oyls distilled, Balsams distilled, Quintessences, Elixirs, Tinctures, Extracts, Magisteries, Lignors, Salts, Vines, Vinegars, Decoctions, Infusions, Syrups, Quiddonies, Lohochs, Preserves, Sugars, Pouders, Electuaries, Pills, and Troches. II. Of Lotions, Oyls, Balsams, Oynments, Cerecloths, Emplasters, Cataplasms and Clysters. Wherein we have corrected the mistakes and Errours of the Vulgar Prescription : Given you the several Virtues, various Doses, and particular dangers of each Compositum, together with the manner of their Exhibition or use to the Ends designed. To which through the whole we have added several other Eminent and Excellent Preparations, out of great and approved Authors, of General use throughout all Europe, and therefore in order to the Compleating of this Design no ways to be pratermitted.

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*In the Sixth and Last Book we have added the Praxi-
Chymica, or Modus Medicamentorum Preparandi: Where-
in, in few words, we have delivered the Sum and Sub-
stance of great Volumes, and as in a glass represented to your
View, the Reduction of Hercules his Labours.*

*Here you have the Choicest things in the Augustane Dis-
pensatory, and the Eternally renowned Paracelsus; you have
the great and learned Horstius, the faithful Faber, the in-
genious Sala, the laborious Quercetan, the profound Hart-
man, the concise Schroder, the exquisite Mynsicht, and in
a Word, the Sum of all the most excellent Designations,
invented by the greatest Scholars, the profoundest Wits, the
most Learned men, and the most Wise, Industrious and
Experienced Physicians through the Series of all times to
this day, whether Greek, Latin or English: thereby ren-
dering this work the most compleat of any thing Extant of
the same kind.*

*But there are some half-witted Animals abroad, who
(envying our Reputation) would perswade the World, that
all our Works are only Collections out of others, and that
we have done nothing but what was done before: to which
we Answer;*

*1. That no man can be an able Physician, but he that
(besides the Practick part) has read well, that has turned
over the leaves of Antiquity, and with great diligence
has Scrutiniz'd the Opinions of both Ancient and Mo-
dern Professors: Which none can be supposed so well to
have done as he that has made the greatest and best Col-
lections. And therefore we esteem all those Allegations
against us, rather a very great Honour, than any thing of
Scandal or Infamy.*

*2. That in the very best Authors Extant, a great part
are Collections, and I think that it is the Duty and Pru-
dence of every Artist to Collect and gather together the best
things. Ars longa, Vita brevis, says Hippocrates that Prince
of Physitians, Arts and Sciences are not perfected in a day,
or a year, but are rather the Product of Eternity. So
that*

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that it is necessary (for him that will be a Proficient in any Art,) to glean and gather from the Experiences and Observations of all Ages.

3. That if we have been Guilty of the supposed Crime, which they tax us with: yet therein we have followed the footsteps of the best and wisest men, and the most renowned Physicians in all preceeding times.

4. That nothing but Envy and Malice would raise those things as Objections against us, which are generally brought as the Trophies of Praise to another.

5. That those idle Drones are beholden to us for our Labour and Pains therein, and ought rather to give us Thanks for our Care and Trouble, than to Carp against us; for that which their crasy Pates, can neither mend nor imitate. All the hurt we have done them, is, to gather much into little, and to save them the charge of buying, and the labour of reading (if they have learning enough to read) the many and Vast Volumns of the Ancients: thereby giving them more time to spend in their Cups, and greater Leisure to fortify their Empty Noddles, against the prevailing forces of Sloth and Ignorance.

6. That it shews as much of skill and judgment in an Artist to Collect or Cull the best things out of heaps of Authors, where good and bad, are promiscuously jumbled together; as it shews of Learning and Wisdom in the investigation of new Inventions: but infinitely more than it does of honesty in those that despise and Undervalue them.

7. That notwithstanding all the Clamours of our Adversaries, they have not yet proved the thing they object against us. 1. Our Synopsis Medicinæ, ('tis true,) has some Collections; (and where is there a Book which has not?) Yet in that whole work above two third parts are clearly our own. 2. Our Polygraphice sufficiently clears it self; and has already given a commendation to the World above all Elogiums, and in spite of all gain sayers; therein both Matter and Method forc'd us to do what we did. 3. Our

How

PREFACE.

Horæ Mathematicæ, the whole work (setting aside only a very few things entirely our own, being (the greatest part of it) a new Translation. 4. Our *Pharmacopœia*, here published, we hope will speak more for it self than we can; yet we are bold to say, That therein we have published things of the greatest Import in the Art of Physick, which were never divulged or known before.

8. Lastly, That in a work of this nature, 'tis only a Compleat and choise Collection, which renders it Creditable, and gives it an Estimation and Authority in the World: Was it wholly mine, it would be invallid, acceptable but to a few, and of Authority to none: It is the great and Eternal Names of its several Authors which gives it being and life now, and will make it live hereafter as a Grand Exemplar, and inexhaustible Treasury of Medical Store; and that in spite of what Scorn, Reproach, Envy or Tyranny can do.

Let therefore those dull Souls, who envy the rays of Light which spring from others, and wish all to be in darkness with themselves, whose Skulls are filled with Ignorance, their Hearts with Malice, and their Mouths with Clamour, Out-do what we have done (or for ever hereafter hold their Babling and Malicious Tongues :) and we profess that we shall be so far from envying of Their Glory, or reviling of Their Persons, that we shall heartily rejoyce for the same, and Vail to them, in a large acknowledgment of their transcendent Abilities.

We solemnly profess that the common good was the only Motive which induced us to this Publication. We have no aims nor ends farther therein, then to serve our Prince and Country: And therefore, whosoever shall give an evil Construction to this our Work, or abuse its Author for his good Intentions, declares himself not only void of Charity to us in particular, but a real Enemy to the Health, Welfare and Happiness of Mankind in General.

In this Edition of Our Dispensatory, we have added nothing

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thing material, however we have taken some pains in Revising it, in many places Corrected it, and reformed some Errors; some obscure Passages we have explicated, and made plain to the meanest Capacity; a few things we have obliterated, inserting others of the same kind, more intelligible and excellent in their places: The Weights, Measures and Proportions, in some places before mistaken, are now Rectified and reduced to their just standard.

But because we saw many things indeed wanting (of most excellent use) which ought to have been here and there disposed, according to their respective Heads and Titles, to make this Our Work the more full and compleat in all its parts. For this cause, we designed all the Additions (by way of Supplement) to be Collected under the same Classis or Order of Chapters; which is now made Publick under the Title of *Doron Medicum*, or, a Supplement to the new London Dispensatory.

This Doron contains, 1. Additions to the *Materia Medica*. 2. Additions to the Internal Compound Medicaments. 3. Additions to the External Compound Medicaments. Wherein you will find the Art of Compounding Medicines; Examples in making Emeticks and Anti-Emeticks, Catharticks and Anti-Catharticks, Sudorificks, Opiates, Cordials and Antidotes, Diureticks and Ischureticks, for various Intentions and Purposes: The various Compositions of the Strong-Waters made by the vulgar Distillers: The Exemplification of the Art of Chymistry: An IDEA of the Process of the universal Medicine of Paracelsus, taken from an Original Manuscript, together with many rare Secrets in the Medical Art, not yet vulgarly known to the World, attained to by much Labour, Care, Pains and Industry: For the particular Account of which we shall now refer you to the Work it self.

Not long since, we have emitted into the World, a second Edition of Our Synopsis Medicinæ, being a Compendium of Physick, Chyrurgery, and Anatomy; in IV. Books; shewing the Signs, Causes, Judgments, and Various ways of Curing

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all Diseases, whether External or Internal, hapning to the Bodies of Humane kind: performed Astrologically, Galenically, and Chymically. Illustrated with Cœlestial Observations, the Judgments of Urines and Pulses; The presages of Hypocrites from the Body of the Sick; The manner of performing all kinds of Chirurgick Operations; The ART of Embalming of dead Bodies, both Antient and Modern; The Chyrurgians Chest, fitted both for Sea and Land, The Explication and use of all sorts of Chyrurgick Instruments, with their various Figures cut in Copper; The Cure of all manner of Tumors, Wounds, Ulcers, Fractures and Dislocations, with many other things of excellent use, and a compleat Anatomical IDEA of the whole humane Frame, representing to the Intellect the Compleat and absolute Structure of Mans Body through all its parts: Enlarged with above two thousand several Additions, and Adorned with twenty four Copper Plates or Sculptures.

We have now also finished (and sent into the World) Our *I A T R I C A*, seu Praxis Medendi: The practise of Curing: being a Medicinal History of above Three Thousand Observations in the Cure of Diseases, performed by the Author thereof. Together with several of the choicest Observations of other famous Men taken from Crato, Forestus, Hildanus, Horstius, Skenkius, Rulandus, Valeriola, Faber, Zacutus, Platerus, Riverius, Willis, and several others, which are fallen into the Authors Hands in Manuscript, all of them digested under their proper Heads. Wherein for the most part you will find, 1. The Constitution of the Body of the Sick. 2. The Symptoms Predominant, 3. The Cause of the Disease what? 4. Whether Curable or no? 5. The exact Method which was taken in the Cure. 6. An exact account of the Medicines exhibited, with the order of their Exhibition, various Doses, and success thereupon. 7. A Compleat Theory of the Practise of Physick, wherein the Names, Definition, Signs, Causes, Prognosticks, and rational Methods of Curing are exposed. A Work of singular use to all the Practisers of the

Art

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Art of Phylick and Chyrurgery, whether Physicians, Chyrurgians, Apothecaries, or Charitable and well disposed Gentlemen and Ladies, who have espoused the Afflictions of the Poor and Needy.

What remains Now, but that the honest Physician may seek after Fame and Glory in the Management of his Profession: That, relinquishing the Principles of Covetousness, he may become Charitable to the Poor and Needy, just to himself, and kind to all. That is the way, (if you will believe Johannis Prevotius an Eminent and Excellent Physician) to have a perdurable Estimation in the World. Quicunque Medendi arte claruerunt atque ex humanæ salutis custodia, Magnam sibi apud omnes gratiam comparârunt, prima existimationis suæ fundamenta in pauperum tabernis jecisse videntur; All those who have grown famous in the Art of Healing, and by the preservation of the Health of Mankind, have got to themselves a great Renown in the World, laid the first Foundations of their Reputation or Practise, in the Cottages of poor People.

From my House at the Blew
Balcony by the Ditch side
near Holborn Bridge.

SALMON.

Imprimatur,

Anton. Saunders.

Mar. 2. 1676.

In

In Laudem Authoris.

DUM landes offerre tuas (doctissime!) conor;
Nil ago; namque Liber rectius illud aget.
An ego splendenti praberem lumina Soli?
Aut Pelago guttas addere coner amens?
Non opus est Verbis applaudier ergo benignis,
Vindicat ingenium Litera quaque iunum.
Ac cum Tu Medicâ nulli sis Arte secundus,
Artis Tu Medica flos & ocellus eris.

WHORWOOD.

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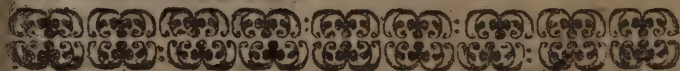
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The Medicinal CHARACTERS.

lb A pound.
 ʒ An ounce.
 ʒ A dram.
 ʒ A scruple.
 gr. A grain.
 M. A handful.
 P. A pugil.
 p. A part.
 No. Number.
 A. Ana, of each a like.
 ʒ. half any quantity.
 q.s. quantum satis.
 q. v. quantum vis.
 R. Recipe.
 S.A. Secundum Artem.

♄ Saturn or Lead.
 ♃ Jupiter or Tin.
 ♂ Mars or Iron.
 ☉ Sol or Gold.
 ♀ Venus or Copper.
 ☿ Mercury or Quicksilver.
 ☾ Luna or Silver.
 ♂ Antimony or Subium.
 ☿ Arsnick.
 △ Sulphur.
 † Cinnabar.
 ○ Salt.

⊕ Niter.
 ⊕+ ⊕+ ⊕ Vitriol.
 ○+ ⊖ Alum.
 ⊕ * Sal Armoniack.
 □ Tartar.
 ✕ Sal Gem.
 +E Ashes.
 □ Urine.
 ✕ Glais.
 ✕ Vinegar.
 X. Talck.
 ☿ Sublimate. Spirit.
 ⊕ Quicklime.
 △ Fire.
 ▽ Water.
 ☉ Oyl.
 B. Balneum.
 BM. Balneo Maria.
 BV. Balneo Vaporis.
 V. Alembick.
 AF. AF. Aqua fortis.
 AR. Aqua Regia.
 AV. Aqua Vita.
 SV. Spirit of Wine.
 \$\$\$ Stratum super stratum, or lay upon lay.

<i>Note,</i> Twenty Grains Three Scruples Eight Drachms Twelve Ounces	}	make	{	a Scruple. ʒ a Drachm. ʒ an Ounce. ʒ a Pound. lb
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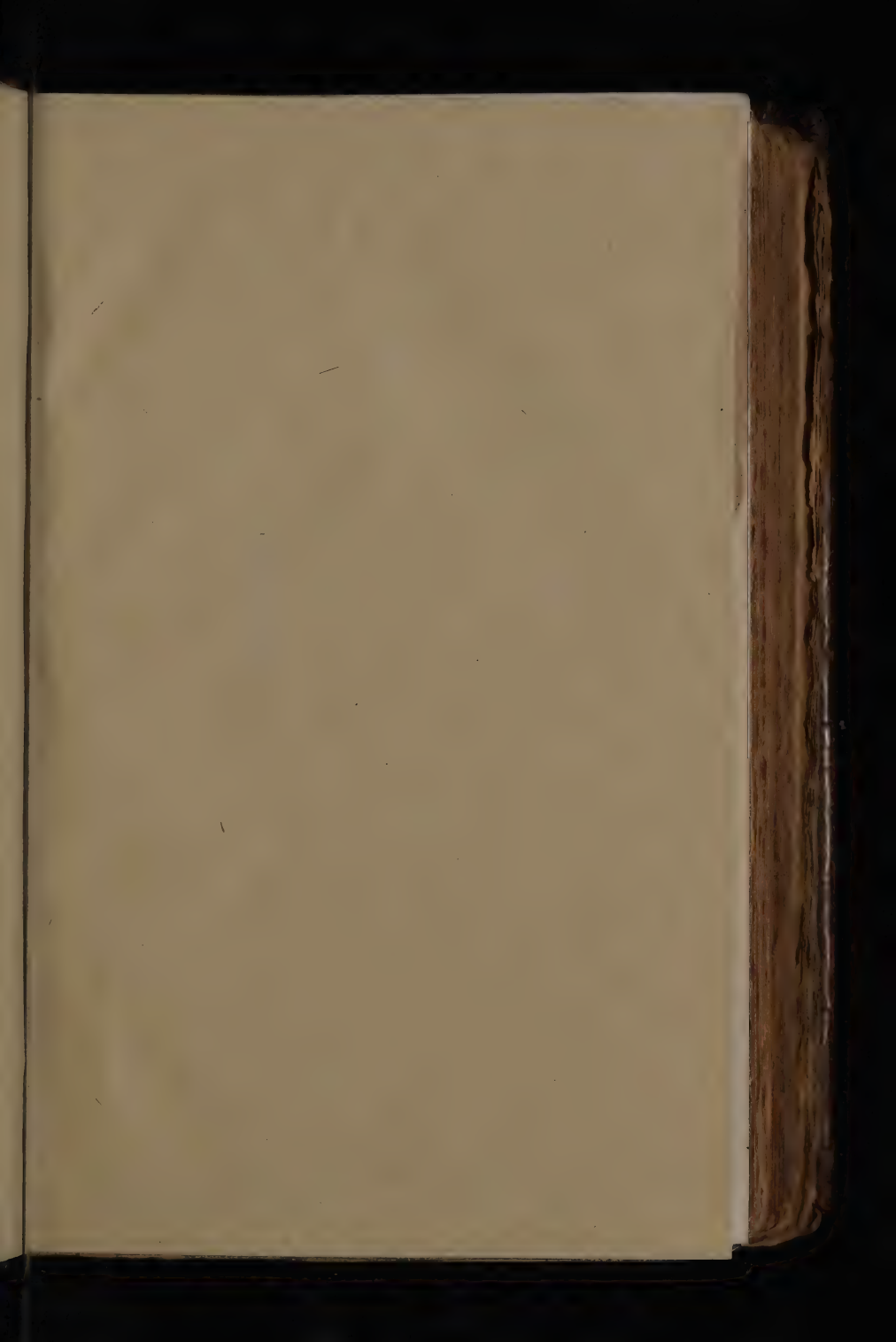
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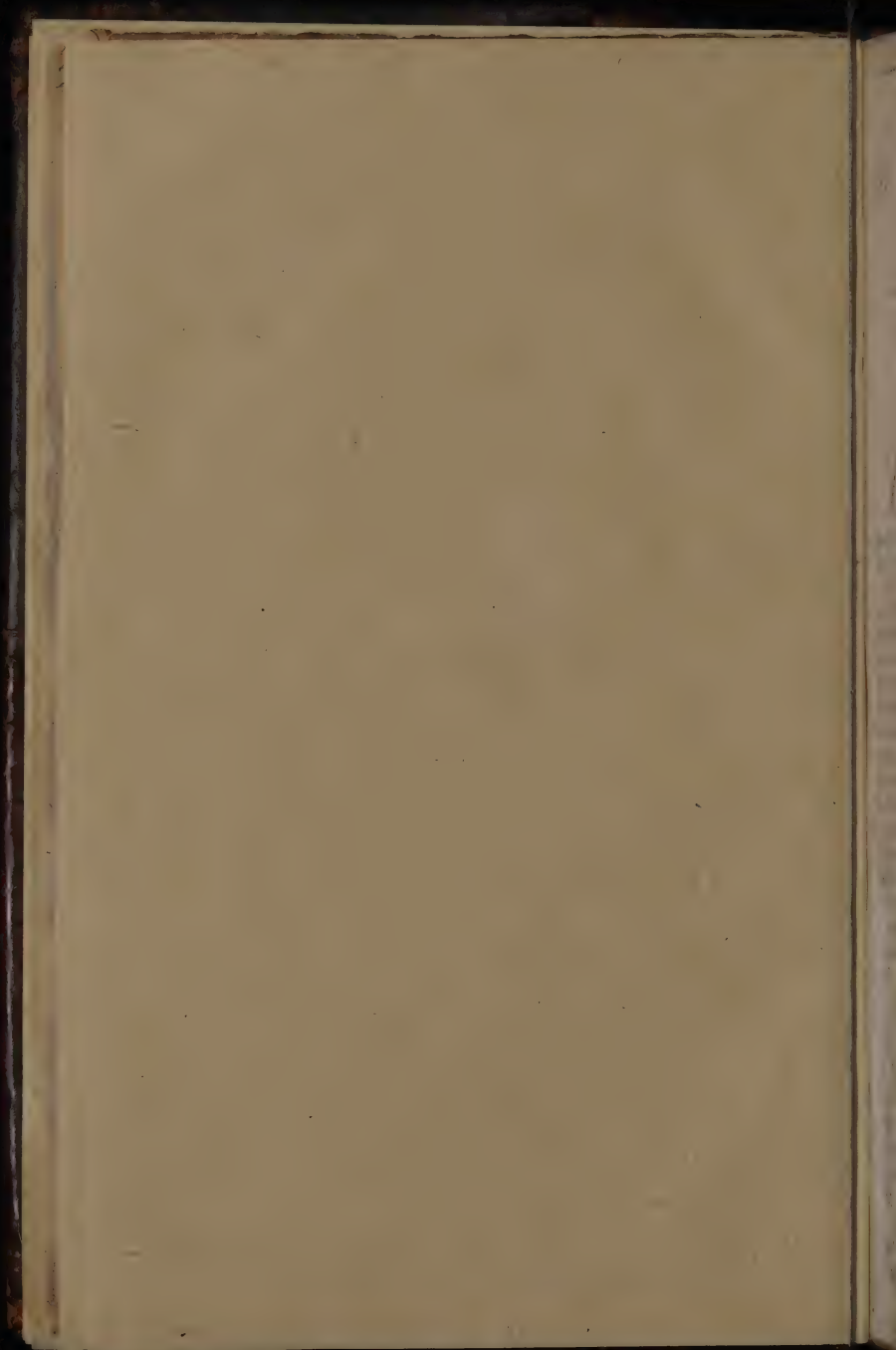
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Of Simple VEGETABLE Medicaments.

LIBER PRIMUS.

Cap. I. Of ROOTS.

A *Cerys*, *Oxalidis*, Roots of Sorrel. They dry and cool, and are good against the Jaundice and Stone: They quench thirst, and are helpful in Fevers.

2. *Acori veri*, of Aromatick root. It is hot and dry in the third degree, and of fullail parts; the decoction provokes Urine, helps the Colick, pains in the Side, Liver and Spleen: being boiled in Wine stamped, and applied to the secret parts, helps swelling and hardness thereof: It resists poison, warms a cold Stomach, and provokes the terms. The Chymical Oil helps the Memory, Head-achs, Cold, Cancrias, Melancholy, and suffocation of the Woman. Chuse the root which is white within, cold, bitter and sharp.

3. *Acori Adulterini*, *Pseudacori*, of yellow Flower-de-luce, or Marigold, hot and dry in 2°. It binds, strengthens, dries, heats, and are more; it stops fluxes, and the flowing of the terms: It strengthens the head and brain, etc. It in red wine every morning.

4. *Allii*, of Garlick. It is hot and dry in 2°. made into an Electary with honey; it cuts open

obstructions, and resists poison: It kills Worms, helps the Colick, provokes Urine, expels Wind, and helps the biting of all venomous Beasts inwardly taken, and outwardly applied. It helps Cerebrals, Cramps, Piles, and cold Distillates.

5. *Alliac*, of Marsh-mallows, hot in 2° and moist in 1°. It ripens swellings, softens and allays pains: excellent in Pleuritis, Colick, Bloody-flux, crying of the Gums, Stomach, and Gravel in Reins and Bladder, washed in milk and drunk.

6. *Anchusa*, of Anchusa. Cold and dry in 1°. It binds and strengthens: made into a pessary it extracts the dead Child, boyled with wine and Butter, it helps bruihes: In the decoction in Wine helps Measles and Small-pox, helps the Jaundice, distillates of the Kidneys, Spleen and Agues.

7. *Angelica*, of Angelica, hot and dry in 3°. a dram in powder, in a Glass of Canary in a morning cheers and comforts the heart, and revives the spirits. It is a great Cordial and a Counter-poison. It opens, attenuates and causeth sweat, expelling the Plague, Pettilential Fevers, and all infection from the heart.

provokes the terms, and expels both birth and after-birth.

8. *Antonie, Napellii*, of Helmet flower. hot and dry in 4°. given from half a dram to ʒj it heats and dries, and comforts the heart; it refists Poyson, expels Wind, and helps the Colick; it is good in all venemous diseases, Plague, Poyson, &c. ʒj will purge water very well.

9. *Spil. Pul. Aris, Eleoselinii*; of Smalage, hot and dry in 2°. Its Essence opens all obstructions, helps Agues, yellow Jaundice, and thick Ulcers; it provokes Urine, and the terms, and expels Sand, gravel and Stone.

10. *Al.*, of Wake-Robin or Cow-wort. hot and dry in 4°. in Oil or Balsome; it clears the skin, and takes away scurf, murrhew and freckles, and easeth pains of the Goat: the root steeped in Vinegar, dried and beaten to powder and given from ʒss to ʒj, provokes the terms, and expels both birth and after-birth, and cures Agues. The succa is a good Cathartic, and excellent against the biting of mad Dogs.

11. *Asiaticus large*, Of long Birch-worm, hot and dry in 2°. A dram of the powder with a little Myrrh, provokes Urine and the terms, and brings forth both birth and after-birth. It is Cephalick, Hepatick, and Pulmonick; it opens, attenuates, and causeth excretion from the Lungs. It ripens and breaks inward tumors and expels poyson. In Distillies it softens bones, cleanseth Ulcers, and kills worms up with death.

12. *Asiaticus Rotunda*, Of Round-birth, hot and dry in 2°. It is stronger than the

former, and per. is all that that does: It expels the dead child, and is of great force in provoking the terms, and bringing away the secundine; It helps Convulsions, Cramps and pains of the Side and Spleen. The Shops use the bulbous junitory for it.

13. *Antonie, cyclaminis*, of Cow-bread. hot and dry in 2°. A plaister made thereof with hog-lard and Sulphur, helps the Articular, Scrophula and Kings Evil. Inwardly it is dangerous to give to women with child. The powder ʒj. drunk with Mead, expels Poyson, purgeth flegm, and other sharp humors; helps the Jaundice and Opistion of the Liver, provokes Urine, expels the terms and dead child, for which it is chiefly used.

14. *Asiaticus*, Of Reed, hot and dry in 2°. Bruised, they draw forth things fixed in the flesh; and applied with Vinegar, helps Luxations, strains, and pains. The Ashes with Vinegar takes away scurf from the head, and stay the falling of the hair.

15. *Al.*, of *Astrabacca*. Hot and dry in 3°. The root is hotter, but a safer purge than the leaves, of very subtil parts; it provokes Urine, and the Courses strongly; opens obstructions of the Liver, Spleen and Gall. It dissolves Wens and hard swellings, and is eminent against the Kings Evil, long tedious Quartan Agues, Green Sickness, and Asthma; but it is not to be given to weak bodies or Women with Child. It kills Worms, and purgeth strongly both by Vomit and Stool, Flegm, Cholera, and Melancholy, and is of notable force in Gouts.

Scia.

Sciatica, Dropsies, and Jaundice ; give of it in Powder from ʒss to ʒj in ale or wine, but in Infusion in honied water or Canary, from ʒj. or ʒiij to ʒiijs.

16. *Aclepiadis, V. nectoxiti, Hirundinaria.* Of Swallow-Wort ; hot and dry in 2°. It resists Poyson, helps the tormina, the stinging of Serpents, and all other deadly Poyson : it is good against the Dropick, Plague, and Pestilential Diseases : ʒj. thereof in Essence of Bugloss, helps the passion of the heart, Jaundice, Cough, and all diseases of the Chest, Epilepsy, Melancholy, &c.

17. *Asparagi.* Of *Asparagus*. Temperate. This is one of the five opening roots, being diuretick, and a stone-breaker ; It is good for the Spleen, and to help Epilepsies

18. *Asphodeli veri albi & lutei*, White and yellow Asphodel ; hot and dry in 3°. The juyce provokes Urine and the Terms, drunk with white Wine : The Essence helps Pleurifies, Ruptures, Convulsions, and old Coughs, and makes an excellent Collyrium for the eyes ; the juice put into the opposite ear, helps the tooth-ache. Outwardly in Oyls and Balsams they cause hair to grow, cleanse Ulcers, take away Morphews and Freckles.

19. *Acanthi*, of Bears Breech. Temperate, bruised and applied, helps Luxations, Ruptures, Cramps, Numbness, Aches and Pains in the joynts, both of hands and feet. It heals Wounds, broken Bones, burnings and Gouts. Inwardly give ʒj. in Powder in Wine fasting.

20. *Bardane majoris, Lappe*

maj. Of the great Burdock. Temperate : It opens obstructions of the Lungs, and provokes Urine ; it is good in Asthma's, Stone, and Spitting of Blood. In the Gout and Kings Evil it is a Specificick. The juyce mixed with Malmsey, yolks of Eggs, powder of Acorns, and Nutmegs, and drunk fasting in the morning and last at night, helps pains and weakness in the back, the Whites and Gonorrhoea.

21. *Bardane minoris, Lappe min.* Of the less Burdock, hot and dry in 1°. they are excellent in ulcerated Lungs, Hemoptoises, and bruises in the stomach ; bruised and applied with salt, they help the biting of mad Dogs.

22. *Behen albi & rubri*, of Valerian White and Red. It is somewhat doubtful what is here meant by Behen : Serapio thinks them a kind of Parsnip. Haly saith, It is somewhat different from the Wild Parsnip : Some think them to be a kind of wild Campions : Tabernmontanus calls them the Joynt-herb : Others a sort of Bistort, or Snakeweed : Some take them for Eryngus : Others Tormentil, others Angelica. others Avens : Lovel calls the Behen album the Spatling Poppy : Myresus will have Behen to be purging Hazels, of which comes the purging Nut Ben : some take them for Valerian, the which we do : and if so, they are hot and moist in 2°. they are alexipharmick, and much comfort the heart.

23. *Bellidis, Simphiti minimi*, Of Daisies, cold and moist in 2°. their Juyce as an Errhine, purgeth slimy humors, and helps the Megrim ; and is very good in Dyets for Wounds.

24. *Bete albe & rubre*, of white and red Beets: they are hot and dry in 1°. the red is best, they are of a nitrous quality, and therefore cleanse as an Errhine, and loosen the belly: both of them are a good sallet eaten with Vinegar, Oyl and Salt; or boiled and eaten with Vinegar, Pepper, Salt and Oyl, they are very grateful.

25. *Bistorta*, of Snakeweed: that which comes from Virginia is called *Radix Serpentaria*. The English is cold and dry in 3°. the Root boiled in Wine and drunk stops Lasks, Bloody-flux, and the Terms, Vomiting, and Inflammation of the mouth and throat, if held therein, and is good against Feavers, and to prevent miscarriage. The *Radix Serpentaria* taken ʒj. at a time inwardly, is eminent against the Plague, Poyson, biting of venomous Beasts, and all manner of poysonous and infectious diseases, provoking sweat, and expelling them from the heart: you may either use the Powder, or Tincture in Spirit of Wine.

26. *Borraginis*, of Borrage, hot and moist in 1°. It is kept without the bark on. It is cordial, and infused in Wine, it cheers the heart.

27. *Brusci, Rusti*, of Butchers Broom, hot and dry in 1°. The Powder of them drunk ʒj. at a time with half as much Carraways, expel Wind, and provoke Urine: so infused in Wine, or Spirit of Wine, they help the Strangury, break the Stone, and expel it, and gently raise up rough and gross flegm, sticking in the Chest and Lungs. In a Pulvis

they help broken Bones and Luxations.

28. *Brionie albe*, of white Bryony, or wild vine, hot and dry in 3°. It is a strong purger of flegm and watery humours: it opens obstructions of Liver, Spleen and Bowels: it cures Dropsies by Vomit and Stool, provokes the Terms, and brings away the Birth: it cures suffocations of the Womb, Falling-sickness, and Vertigo: the Roots as a pessary extract the dead Child: You may give in substance ʒss in infusion to ʒss. or more: It cures the Dropsie, being bruised and mixed with Goats dung, and applied to the Belly: and Quartans if applied to the Temples and Wrists: made into a Bath, and the skin washed therewith, takes away Freckles, Sun-burnings, and Morpew; boiled in Oyl it takes away wrinkles, spots, scars, &c.

29. *Bryonie nigre*, of black Bryony, hot and dry in 3°. It hath all the Vertues of the former: applied plaisterwise it helps deformities of the skin, breaks Imposthumes, it draws out splinters, thorns, &c. and easeth pain.

30. *Buglossi hortensis, sylvestris*, of Garden and Wild Bugloss: it has the same temperature and vertues with Borrage: The Root is kept barked; beaten and applied with Oyl, it helps wounds.

31. *Capparium*, of Capers, hot and dry in 2°. The bark thereof heats, cleanses, curs, digests and purges, and opens obstructions both of liver and spleen, expelling gross humours, both by Urine and Siege. It is good against hard-

hardness of the Spleen, Palsies, Gouts and Ruptures.

32. *Cardui Maris*, of the Ladies Thistle, temperate and dry in 2^o. They help lasks and bloody-flux, stop bleedings, waſt cold swellings, and in a Gargarisme, help the Tooth-ach.

33. *Caryophyllata*, of Avens, hot and dry in 2^o, gather it in the middle of *March*; they bind and ſtrengthen, and comfort both head and heart, 31. in powder inwardly, or made into a Lohoch with honey, dries up Catarrhs, and diſſolves congealed blood, healing inward Wounds, Fluxes, and Ruptures. An Infuſion thereof in Wine, or Spirit of Wine drunk in a morning, is a preſervative from plague and poiſon, helps colicks, ſtitches and pains in the ſides, and the coldneſs and crudity of the Stomach.

34. *Caſtium*, of Colworts, cold and dry in 1^o. It is vulnerary, and helps the Rickets in Children.

35. *Centaurii majoris*, of the greater Centaury, hot and dry in 3^o, two drams of the powder of the Root taken in a glaſs of Old Malaga-wine in a morning, helps wonderfully in ruptures, ſpitting of blood, cramps, diſpnceas and gripings of the Guts: it is ſcarce to be had in England growing: ours is the ſmall Centaury, the powder of which being drunk helps the Greenſickneſs and Colick; and provokes both terms and birth.

36. *Cepa*, of Onions, hot and dry in 4^o. Raw they are naught for Cholerick people; and very hurtful for the head and eyes: boiled with honey they provoke Urine and the Terms: An Inſu-

ſion of them kills worms; the juyce as an Errhine draws ſlegm out of the head: an ounce of the juyce drunk in a glaſs of Whitewine, gives immediate eaſe in the Stone, and at length diſſolves it, and brings it away: ſtamped with Rue, Honey, and Salt, and applied, they help the biting of a mad Dog. Roaſted and applied they ripen and break Apoſthumes and Biles, tho' from the Plague, but better if mixed with Mithridate: the juyce mixed with juyce of Pennyroyal and applied, helps the Gout and Sciatica, and cauſes hair to grow in bald places; applied raw, they take the fire out of burnings.

37. *Chamæleontis albi*, *Carline*, of the Carline Thistle, hot and dry in 3^o. It expels poiſon, provokes Sweat and Urine, and the Terms, and opens obſtructions both of Liver and Spleen; helps pains of the Side, Sciatica, and Cramp; chewed it helps the Tooth ach: it is good in Peſſential Feavers: doſe ʒſſ.

38. *Chamæleontis nigri*, of black Chamæleon, hot and dry in 4^o. It is poiſonous: in Balſoms it helps Scabs, Morpheus, Tetters, Ringworms, &c.

39. *Chelidonis majoris*, *Hirundinaria*, of the greater Celendine, hot and dry in 3^o. It is cleaſing and very good for ſuch as have the Yellow-Jaundice: it opens the Spleen and Gall, and purgeſh choler by Urine and Stool; chewed in the mouth, helps the Tooth-ach.

40. *Chelidoni minoris*, *Schrophularia*, of Pilewort; it is temperate. It cures the Jaundice, Spleen, Scurvy, and Flux of the

hemorrhoids: Outwardly in a Balsam, it Cures the Piles in the Fundament, Wens, Kings Evil, Sores and other creeping Ulcers, by anointing and putting tents into the holes dipt into the Balsam thereof; for which it is a kind of Specifick.

41. *Chine*, of China, hot and dry in 1°. It is called China from the Country whence it comes, yet some comes from New Spain and Peru; the Oriental is best, which is outwardly red or blackish, inwardly white or reddish; it dries, provokes sweat, strengthens and restores in Consumptions. It is used in the French Pox, but it is a great question whether there is any such virtue in it against that Disease or no, or is cumbered with the many virtues Authors give it: I believe it is a good harmless Root, and that I think is the most of it.

42. *Cichorii hortensis*, of Garden-Succory, cold and dry in 2°. It opens obstructions of the Liver and Spleen, provokes Urine, cleanseth, cuts, and abates the heat of Feavers.

43. *Cichorii Agrestis*, of wild Succory, cold and dry in 2°. It has the Vertues of the former, cleanseth the Liver, and helps hypochondriack melancholy.

44. *Sinaye, Scolimy*, of the Artichoke, Temperate and dry in 1°. An Essence of the roots are very good to stop Fluxes, and Gonorrhœas in Men, and the Whites in Women.

45. *Consolide majoris, Symphyti*, of Comfrey, cold in 1°. dry in 2°. It is mucilaginous, Vulnerary, and Conglutinative. It heals all wounds, external and internal,

stops fluxes of blood in wounds, helps (pitting of blood, and Ulcers in the Lungs: It is good against Ruptures and pains in the back: It Cures broken Bones and dislocations, and very powerfully stops the Terms, Whites, and running of the Reins: It may be used in powder, but a Mucilage is best, otherwise a Decoction in strong Ale will serve the turn: The bruised root applied immediately easeth the Gout.

46. *Consolide medie, Bugle*, of Bugle; Temperate and dry in 1°. It is an exceeding good Vulnerary, both inwardly and outwardly, healing Ruptures, bruises, and the like: Inwardly it helps the Jaundice, and opens obstructions.

47. *Consolide minoris, Prunelle*, of Self-heal, Temperate dry in 1°. It is like the former, a good Vulnerary, and has all the same Virtues.

48. *Contrayerva, Radicis Drake*, of the Counter-poison, hot and dry in 2°. Chuse that which is thick and not rotten, which has a sharppish sweetness in tast. It is one of the most excellent of Vegetable Antidotes against all manner of Poysons, (but sublimate Mercury and Arsnick) and then if taken timely ʒj. at a time, it casts it out by Vomit and Sweat. It is eminent against Plague, Small Pox, and all Pestilential Feavers, fortifying the heart, and freeing the sick from danger.

49. *Cassi dulcis, amari*, of Cassus both sweet and bitter, hot and dry in 3°. It heats, attenuates, opens, discusseth, expels wind, provokes Urine and the Terms; warms the Stomach, Liver, Womb,

Womb, and Reins, and strengthens them. It is good against Convulsions, and Pains in the side: the Oyl warms and strengthens all the Nerves, Muscles, tendons and ligaments; comforts the Stomach and Liver, and hinders hair from growing gray.

50. *Cucurme, croci Indici*, Of Turmeric, hot and dry in 2°. A dram of it in powder opens obstructions of the Gall, Stomach and Liver. It cures jaundice, Dropsies and Cachexy, provokes the Terms, cleanses, opens and digests.

51. *Cucumeris agrestis*, of Wild Cucumber, hot and dry in 2°. they purge slegm and watery humours strongly: bruised and laid upon a belly swoln with the Dropsie, they will drive out the water by stool, and dry up the remainder, being skilfully applied.

52. *Cynoglossi*, of hounds tongue; cold and dry in 2°. The roasted Roots applied, help the Hemorrhoids and Wild-fire; and skilfully applied, take away the inflammation of a Phlegmone, and the pains of the Gout.

53. *Cyperii Longi, Rotundi*, of Galingal Long and Round: hot and dry in 2°. Schroder says they both come from the same Root, and therefore must needs be of one and the same nature and quality: They are stomachical and Uterine; they open and provoke Urine, and the terms, expel gravel, and the stone, help the biting and sting of Serpents, Cure the Megrim, Colick, Ulcers in the Bladder, a stinking breath, and the Dropsie if in the beginning: the Powder helps the Pal-

piration of the Heart.

54. *Dauci*, of wild Carrots; hot and dry in 2°. (the Garden one is good food, yet a little windy) the wind provokes Urine, and expels the Terms, and birth, and causeth Venery: are very good against pains of the Bowels.

55. *Dentarie, Dentillarie*, of Tooth-wort, or Corral-wort, hot and dry in 1°. It is a Vulnerary root, helps Ruptures, Wounds and Fractures, and the Gripping of the Bowels in Children.

56. *Dictamnus albi, fraxinelle*, of the true Dittany, hot and dry in 3°. It strangely provokes Urine and the Terms, helps the Colick, and brings away both Birth and after-Birth: It is Cordial, kills Worms, resists Poyson, and all venomous diseases; as also Megrims, Epilepsies, and the like.

57. *Doronici Romani*, of Wolfsbane, hot and dry in 3°. It discuteth, resists Poyson, strengthens the Heart, and fortifies it against Infectious and Pestilential Airs, and all malign Diseases; It is very excellent against Vertigo's, Epilepsies, Megrims, and other Diseases of the Head: if it be mixed with the Powder of Gentian, Misseroe, and Masterwort, *ana*, it is very good in the Colick, comforts the Womb and Head, and revives such as be Lethargical, or have taken too much Opium, the dose ʒʒ.

58. *Dracontii*, of Dragon-wort; hot and dry in 4°. It is more biting than that of Aron, of very hot and thin parts; It cleanses Ulcers and Wounds, of all manner of Corruption and proud Flesh; and mixed with Vinegar,

it removes the White and Black Morpew: it provokes Terms, and expels both Birth and After-birth: it is dangerous for Women with Child to smell to it: it is dangerous to take inwardly, unless corrected.

99. *Dulcamary, Amara dulcis, Solani Lignosi*, of Bitter-sweet, hot and dry in 2°. They are cleansing, and opening, and help the Yellow-Jaundice: a Decoction of them in Wine, gently purge by Urine and Stool, such as have the Dropsie, and are troubled with watery humours.

160. *Echii*, of Vipers. Bugloss, cold and dry in 1°. The Root drunk in Wine helps the biting of Serpents, and all venomous Beasts; stop Fluxes, bind, and cause plenty of Milk in Womens breasts.

61. *Ellebori veratri albi*, of white Hellebor, or Sneezwort, hot and dry in 3°. It is so strong a purge both upward and downwards, that it is scarce safe to give inwardly: the Root cut small and put into Fistula's, mundifies them, and removes the Callous matter, that it may be healed by Sarcotick Remedies: Conradus makes an excellent Vomitive of it thus: R. Root's of Briony, Sow-bread, ana, ʒij. White Hellebor. ʒi. wash them dry and powder them, and spirit of wine two inches above; set it in B. M. then Distil by an Alembick, take out the feces, heat them, and add the spirit drawn off: let it stand a while in a close Vessel, then Alter, and you have Conradus's Vomit: Dip a feather in it, and put it into a Glass of Sack, and drink it. Helmsius has this Vo-

miting Wine: R. Gross Powder of white Hellebor ʒi. steep it in Sack one pint, setting it in the Sun: One spoonful will vomit; but half a spoonful with other Laxatives will purge.

62. *Ellebori nigri*, of Bears-foot, or black Hellebor, hot and dry in 3°. This is not so violent as the former, yet a very dangerous purge, working both upwards and downward: Very strongly purging melancholy. Schroder says, It is good against all diseases proceeding from melancholy, as Madness, Hypochondriack Diseases, Elephantiasis, Herpes, Cancer, Quartans, Palsies, Vertigo, Epilepsie, Apoplexy, Scabs, Worms. It ought to be given with great Caution, and to strong Bodies: the gross Body is perillous: in Decoctions it is less dangerous: it is corrected with cloves, Cinnamon, Anniseeds, Fenniseeds, Rosemary, &c. Give in owder from ʒi. to ʒij. in Infusion from ʒj. to ʒʒ. if to the Powder you add 2, 3, or 4 grains of Scammony, it will work the better, and prove successful against the Dropsie, and Jaundice. The Essence of this Root is a true remedy against the Gout, and all manner of Arthritick and Cephalick pains. Quercetan says, the Root steeped 24 hours in strong Vinegar, is a sufficient preparation of it: Let it be gathered when Luna is strong and encreasing, and in good aspect of Saturn or Jupiter, or both. I make an Extract thus: Take the Powder of the Roots prepared as aforesaid half a pound, Juice of Lemons ʒij. Digest and extract in a close Vessel, decant the tincture, then bury the feces, make a Lix-

vinum of Fountain-water: put the *Tincture and Lixivium* together, digest them 24 hours, and evaporate it to a Consistency. This Extract is safe and good in all the cases aforesaid, and may be given from ℥ss. to ʒj. And if you add when you give it 4 Grains of *Diagridium*, it will prove a good medicine.

63. *Endivia*, of Endive, cold and dry in 2°. It cools and strengthens the Liver, and opens obstructions of the Reins: See Suceory.

64. *Enule Campanæ Helenii*, of *Elecampane*; hot and dry in 3°. they open, cleanse and disengage, and are profitable for most diseases of the Breast and Lungs, as Coughs, Shortness of Breath, Ulcers there, and spitting of Blood: It is good against Poysons, biting of mad Dogs, and other venomous Creatures, Ruptures, Cramps and Convulsions: they help Stiches and Wind in the Stomach and Bowels, and are of great force in the Plague, and Pestilential Fevers. Take the root in powder to ʒj. mixed with honey: or the extract to ʒss. Outwardly in a Balsom it is good against Scabs and Itch, and mixt with Flowers of Brimstone, it certainly fills up the Eating *Herpes*.

65. *Eringii*, of *Eringo*, or Sea-holly. They are temperate, enclining to heat and dryness. They are Hepatick, Nephritick, and Alexipharmick: Outwardly they help Scrophulous swellings in the Throat, and the like: they open obstructions of the Viscera, and are excellent in the Jaundice, Colick and Stone; being taken

for 15 or 20 days together. The condred roots help those that are withered with old age; restore the natural moisture, and provoke Venery.

66. *Epule majoris & minoris*: Of the Greater and Lesser Spurge, hot and dry in 4°. They purge slegm, chiefly downwards, but are dangerous; they are sharp, fiery, and corroding: they help the Dropsie to a wonder, being skilfully given; chuse that which hath leaves like the Pine-tree, and is not too young: the bark of the root is that which is used, and is prepared by steeping it three days in Vinegar. I make an Extract thus: strain the Juice out of the Roots and Leaves, to which add an equal quantity of Vinegar, to the seeds put Vinegar, or Juice of Lemmons, digest and extract a tincture; calcine the remaining seeds, and make a Lixivium in water: then put the said Juice, Tincture, and Lixivium together, digest and evaporate to the just consistency. You may give ʒss. in a Pill, or dissolved in liquor: it is good to all the Intentions aforesaid, and is a Panchymagogon, or one of the most general purges in the World: it is wonderful in Gouts, and in all manner of Pocky distempers where much drying and draining of the body is required: In short, it is a very admirable thing against the Scurvy, and almost all Diseases proceeding of repletion: esteem it as a Jewel.

67. *Parfare, Tussilaginis*. Of *Coltsfoot*, hot and dry in 1°. An Essence hereof is of excellent use in the Lungs, in ulcerations, Spitting of blood, Asthma's, Wheezings,

sings, Coughs, and the like.

68. *Filicis maris & femine*, Of Fern Male and Female, hot and dry in 1°. they open obstructions of the Spleen, and help Rickets in Children (I seldom knew any old men troubled with them) they kill Worms, and expel the Child in the Womb: give ʒi. with four grains of Scammony.

69. *Filicis floride, Osmunde regalis*, of Water-ferne or Osmond royal; Temperate: the heart of the Root helps Wounds and Bruises, and dissolves congealed Blood.

70. *Filipendule*, of dropwort, hot and dry in 3°. An Essence of the Root helps all pains and obstructions in the Reins, Bladder, and Ureters, provokes Urine, and expels the Stone, and is a preservative against the Epilepsie.

71. *Feniculi*, of Fennel, hot in 3°: dry in 1°. they are one of the five openers, provoke Urine, and the Terms, fortify the Lungs and the Liver, and are good against Coughs, and spitting of Blood.

72. *Galange majoris & minoris*. Of Galingal, greater and lesser of the Greeks, hot and dry in 3°. They are Stomachical, Cephalical and Uterine; they open obstructions, cure head-achs, and are excellent against Diseases proceeding of Cold: they stir up Lust, expel Wind, and provoke Urine, and are excellent against Rickets in Children: Dose from ʒi. to ʒj.

73. *Gentiane*, Of Gentian (so called from *Gentius* a Prince, the first finder of it) hot and dry in

2°. The powder, Infusist, juyce, Extract or Essence, are a great counter-Poyson and Antidote in all Pestilential and Malign Diseases. It opens, attenuates, cleanses, and a little purges: They are excellent against Cramps, Convulsions, Intermittent Fevers, and windiness of the Stomach and Bowels; as also the biting of Mad Dogs, or any venomous Creature. It kills Worms, and is good against all cold Diseases, as Dropsies, Numbness, Lameness, Aches and Pains: and is of good use in Suffocation of the Womb, and Obstructions of the Liver, and expels both Birth and after-birth: Dose is from ʒss. to ʒiij. The Chymical Oyle is of force against the Colick: and outwardly the Root is used in form of a tent, to open sores withal.

74. *Glycyrrhize, Liquiritie*, Of Liquorice, hot and moist in 1°. The powder, extract or Essence thereof, is a specificck in most diseases of the Lungs and windpipe, as Hoarseness, difficulty of breathing, shortness of breath, Coughs, spitting of Blood, Phthisick, and Ulcers of the Lungs, &c. as also Ulcers of the Kidneys, Bladder, and Ureters: it makes purging Physick (if mixt therewith) work without pain: outwardly the powder put into the eye, helps in a special manner the Pin and Web.

75. *Graminis canini*. Of Quich-grass, cold in 1°. and temperate. They open, provoke Urine, expel Gravel from the Reins and Bladder, and open Obstructions of the Liver, Spleen and Ureters; Cure spitting of Blood, and con-

fo.

solidate green Wound.

76. *Hyacinthi*, of Jacinths: cold in 2°. dry in 1°. They bind the belly, and are of good use in the consolidation of green Wounds.

77. *Hyoscyami*, of Henbane, cold in 4°. dry in 1°. boyled in Vinegar, and held hot in the mouth, they ease the Tooth-ach. Bruised and laid Plasterwise upon any part pained with the Gout, gives present ease. Trallianus, Lib. 11. makes an Annulet of it for the Gout, gathering it, the Moon being in Aquary or Pisces before Sun-set, not touching of it, but digging it out with a bone.

78. *Hermodactyli*, Of Hermodacts, hot and dry in 2°. Some think the tuberous Iris or Orris the true Hermodact, as *Matthiolus* and others; but *Dodon* and *Lobel* deny it; chuse that which is heavy, white without and within, which with gentle beating turns into flower, like that of Wheat: Hermodacts purge flegm and rough Viscous Humors from the joynts and extreame parts, and are of good use in the Gout and Sciatica; but they trouble the Stomach: give from gr. x. to ʒss in powder: from ʒij. to ʒiiij. in infusion. Outwardly mixed with whites of Eggs, barley-meal and crumbs of Bread, (leavened is best) and applied plasterwise in the Gout, or swellings and aches of the Joynts, they are very prevalent: they are corrected with Ginger, Anise, and Cummin, long Pepper, Cinnamon and Mastich.

79. *Jalape*, *Mehocanne nigre*, Of Jalap. Temperate and dry in 1°. It purgeth strongly all bad humors, chiefly those that are watery with great safety; it

gripes, and therefore is corrected with Liquorice, Cloves, Cinnamon and Ginger. It is good in all sorts of Dropfies; and *I have oftentimes found it a good Specifick in Scurma, or the Kings Evil: It is best given in Powder; in Pills 'twill scarce work at all; nor will an Infusion in Wine draw its Vertue, because it is resinous; but with Spirit of Wine you may extract it. Give in powder from ʒss. to ʒss. in Infusion in Sp. Vini from ʒj. to ʒij: the Rosin may be given from gr. x. to xv. or xx.*

80. *Imperatorie*, *Astrantie*, Of Masterwort; hot and dry in 3°. It is very sharp, Alexipharmick, and Sudorifick. It opens obstructions both of Liver and Spleen, and potently provokes the Terms; it is not safe for Women with Child, for it brings away the Birth with ease. It is good for all venomous Diseases, the biting and stinging of Venomous Creatures; It resolves and expectorates the tartar of the Lungs, and Cures a stinking breath: In diseases of the head proceeding of flegm, as Apoplexy, Palsy, Lethargy, and in the Colick and Quartans it is very successful. Outwardly it breaks Plague-Sores, and Carbuncles, and is prevalent in a cold Gout. In a lotion it cures the Tooth-ach, scabby heads, Itch, &c. bruised and applied, it draws out thorns, darts, bolters.

81. *Iridis nostratis*, Of Orris, or flower-de-luce, hot and dry in 3°. It purgeth watery humors exceedingly, and therefore is good in Dropfies, and other cold Diseases: It expels Wind, provokes the Terms, and resists Poyson

Poyson, it is used as an Errhine for the Nose. It is good in shortness of breath, old Coughs, Cramps, Convulsions and disaffected Spleens. Outwardly it is good against the Itch, and King's-Evil.

82. *Iridis Florentina*, vel *Illyrica*, of Florence-Orris, hot and dry in 2°. that which comes from *Illyrica* is best. It attenuates, expectorates, cleanses, mollifies and digests: it is used against Coughs, Asthma's, stinking breath, terms obstructed, and Gripes in Children: Outwardly it cleanses the skin; and is generally mixt with powder for the hair, called *Cypreis-powder*.

83. *Isatidis, Glasse*, of Wood, temperate and dry in 1°. It is good against Diseases of the Spleen, and profitable in curing of Wounds and Ulcers.

84. *Lapathi acuti, Oxylapathi*, of sharp pointed dock. Temperate and dry in 3°. The Roots boiled till they become a Pulp, and beaten with *axungia*, are good against the Itch, Scabs, and Manginess.

85. *Levistici, Ligusti*, of Lovage; hot and dry in 3°. They help all inward cold Diseases, and expel Wind: they ease pain, and provoke Urine.

86. *Lilii albi*, of white Lilies, hot in 2°, and dry in 1°. An Essence thereof drunk for 3 or 4 days together, expels Poyson, Venom, the Plague, and all malign and pestilential Diseases: It is given successfully in Dropsies. A Cataplasme made with it and honey, coagulates sinews cut asunder; stamped with Vinegar, and leaves of Henbane, or barley-meal; it helps

the Gout, and tumors in the Privities. Roasted in embers and stamped with leaven of Rye-bread and hogslard, it ripens and breaks pestilential botches and venereal buboes.

87. *Maluæ*, of Mallows, temperate and moist in 1°. They are digestive, and help gnawings and corrosions of the bowels. They mollifie tumors, are vulnerary, help Ulcers in the bladder.

88. *Micoacanthe albe*, of Mechacan, or Rhubarb of Peru: It comes from the Island *Mechoacan*, and from *Nicaragua*; that which is fresh, white within, not rotten, and outwardly of an Ash-colour is best. Temperate and dry in 1°. It purgeth flegm and water from the Joynts, Head, Nerves and Breast; It is good in the Rickets, Scurvy, King's Evil, Catarrhs, Dropsies, Jaundice, Gout and French Pox; it is good against Coughs, and pains of the Reins; but ought not to be given to hot, dry, and choleric Constitutions. To an Infant you may give ℥j. or less, as they are in age and strength, to Men from ℥j. to ℥ij. In infusion to ℥ss. It is a good purge for Infants; you may correct it with Cinnamon and Carraways. I make an extract of it with Whitewine, to be used in all the cases aforesaid: of which I give ℥ss. it works pleasantly and without pain: Some make it with Spirit of Wine, Juice of Lemmon, or Vinegar; but then it is not so good, because those menstruums, in some measure, destroy the purging quality: the Powder is better than the Extract, make it which way you will.

89. *Mandragora*, of Mandrake, cold in 4°. dry in 1°. It is extreme soporifick, and narcotick, seldom used inwardly. Outwardly in Oyl or Balsom it is good against hot pains, red and sore eyes, Epilepsies, hard tumors and *Strumae*.

90. *Mel, Aneti tortuosi*, of Spigniel, hot in 3°. dry in 2°. The Essence thereof opens obstructions, attenuates and discusseth Wind; provokes Urine and the Terms, helps the Strangury, suffocation of the Womb, and brings away both Gravel and Stones, from the Kidneys and Bladder: taken with Honey, it helps the Colick, Belly-ach, all Catarrhs, Rhumes, Joynt-aches, and the like: too great a Dose causeth Head-ach; you may take a spoonful of it.

91. *Morus diaboli, Succise*, of Devils-bit; hot and dry in 2°. It has the same Vertues with Scabious, being Alexipharmick, Cardiac, and Vulnerary. It is excellent against Epilepsies, Convulsions, Plague, Pestilential Fevers, poyson, biting of venomous Beasts, pain of the Womb, congealed blood, inward Imposthumes, French-Pox, Venereal Ulcers, Green Wounds: In Gargarisms and Lotions: it helps the Quinsie, old swellings of the Almonds and Throat, that are hard to suppurate.

92. *Mori*, of the Mulberry tree, hot and dry in 1°. The bark of the Root is bitter, opening and scouring; it purgeth the Liver, Spleen and Belly, and driveth forth broad Worms.

93. *Napi dulcis, Euniadis*, of Sweet Navel, temperate: it is

of the nature of the Turnep, yet not so soon concocted (being somewhat drier) but less windy: it is of good nutriment, and provokes Urine.

94. *Nardi Celtice*, of Celtick Nard, or Spike, hot and dry in 1°. Chuse the fresh sweet-scented, with many small fibres, that is strong, not bitter and full: it has all the Vertues of the Indian Spike, but weaker, only this more powerful provokes Urine, and helps to dissolve the Stone.

95. *Nardi Indice spicenardi*, of the true Spikenard, or Indian Spike; hot in 1°. dry in 2°. This Root comes from India to Alexandria, thence to Venice; thence to Us. It is called *Spica*, because it resembles an Ear of Corn. Chuse the fresh, smooth, with long hair or Fibres, a sharp spike, yellow, sweet-scented like Cypress, bitter, and attracting the Tongue: it binds, attenuates, opens obstructions of the Stomach, Liver, Reins, Bladder and Ureters; it provokes Urine and the Terms, dries up Catarrhs, helps the Jaundice, stops fluxes of the Belly; and used as a pessary, Fluxes of the Womb, and inflammation thereof: it expels Wind, resisteth Plague, Poyson, and all Pestilential distempers; strengthens the Stomach, helps nauouseas, and is a singular good Cephalick and Cardiac: the bastard Spikenard is our English Lavender.

96. *Nymphaea, Nenupharis*, of Water-lily: the great white Water-lily is best, cold and dry in 3°. It is good against Fluxes of the Belly, nocturnal pollutions, sharpness of Seed, heat and thin.

thinness of Blood, that with yellow flowers stoppeth the Lask, Bloody Flux and Gonorrhœa: but the white flowered Lilly is strongest; and is powerful in stopping the Whites drunk in Red Wine.

97. *Ononidis Arestæ boris*, Of Rest-harrow or Cammock, hot and dry in 3°. It cleanses, attenuates, dissolves; it provokes Urine, and brings away Gravel: It breaks the Stone and expels it; it opens obstructions of Liver and Gall, and cures the Jaundice. *Matthioli* saith, it helps the Falling Sickness: the Powder or Essence often taken, is good to consume the fleshy Rupture called *Hernia Carnosa*, and the blind Hemorrhoids or Piles: outwardly in a Bath it is used for the whole Body against the Itch. Use the Bark.

98. *Pastinacæ Hortensis*, Of Garden Carrots, Temperate; both yellow and red are usually boyled with flesh (in England) and eaten for food, they excite Venery.

99. *Pastinacæ latifoliæ*, *Elaphoglossi sativi*, Of Garden Parsnips, temperate: they are boiled and eaten with us as Carrots; they nourish above all Roots, being of thick and good juice. An Essence or extract of them cures Consumptions: eaten the ordinary way, they provoke Urine, and cause Venery, strengthening the Stomack, Lungs, Kidnies and Bladder. The Roots serve to make good Bread withal.

100. *Pastinacæ Sylvestris*, *Spondilii*, of wild Parsnip, hot and dry in 3°. It attenuates and opens the Liver, Spleen and Uterus, provokes Urine and the Terms, expels the Mola or Dead Child: it is good against

Suffocation of the Womb, and provokes Venery; it is used in Coughs, Pleuritis, Stranguria, and the like. See *Dauci Cretici*, which may be used for it. With this our *Spondilii* the *Polonians* make Drink, by decocting of it in water, and fermenting it with Leaven.

101. *Pastinacæ Aquaticæ*, Of Water-Parsnip, hot and dry in 2°. It digests, provokes Urine and the Courses, expels the Stone and Birth.

102. *Pœoniæ maris & semine*, Of Peony Male and Female, hot and dry in 2°. Dig it up the Sun in Aries or Leo, and the Moon in Trine with him. This Root is a great Cephalick, and is eminent against most Diseases of the head, as Epilepsies, Apoplexies, Nightmare, Convulsions, &c. And in diseases of the Womb, as Suffocation, Obstruction of the Terms, &c. It opens Obstructions of the Reins and Bladder, and provokes Urine: give from ℥j. to 3j. in Powder.

103. *Pentastilli*, *Quinquefoliæ*, Of Cinkfoil, or five-leav'd Grass; temperate and dry in 3°. It is good against all Fluxes, stops bleeding in any part of the Body; strengthens the Lungs, opens obstructions of Liver and Spleen, helps Ulcers, fretting Sores, and Shingles: the juyce is good against Poyson, if drunk with Mead; Coughs, Jaundice, Tertian and Quartan Agues, if drunk thirty days together: you may use the Extract to the intention aforesaid.

104. *Petasitidis*, *Iphii*, Of butter-burr; hot and dry in 2°. They are good against the Plague, Pestilential Fevers, and all manner of

of Poyson and Venom of mad Dogs, &c. It is Alexipharmick, Sudorifick, and Cephalick; it attenuates, opens and cleanses: it is profitable in the Suffocation of the Womb, Asthma, Cough, Faintings, and malignant Ulcers: it has the Vertues of Costus, and may be used instead thereof.

105. *Petroselin*, Of Stone Parsly, hot and dry in 2°. It opens, attenuates, cleanseth, is Diuretick and Hepatick; it rectifies Distempers of the Lungs, Liver, Spleen, Reins, Bladder and Ureters: It is good in Coughs, Asthma's, Wheefings, Jaundice, Cachexia, Stone, Gravel, obstructed Urine and Terms: outwardly it dissolves hot humors; and the juyce dropt into the Eyes, quickens the sight.

106. *Pencedani*, Of Hog-fennel or Sulphur wort, hot and dry in 3°. It opens, attenuates, discusses, expectorates and purgech choler and flegm. It is good in Asthma's, Wind, ilness at Stomach, Pains of the Belly, Spleen, and Melancholy; it provokes Urine, helps fits of the Mother, expels the Birth and Secundine, and helps pains of the Kidnies, and Bladder. It is of force in Diets against the French Pox, Lethargy, Frenzy, Dizziness, Falling-sickness, Palsie, Cramps, and all infirmities of the Sinews, especially being inwardly and outwardly used. It wastes the Spleen, is cutting and digesting, helping Coughs, Dispnœa's, and Gripings: outwardly it helps Convulsions, Numbness, Sciatica, and Cold Diseases: it heals Ruptures, Old Sores and Ulcers, and extracts

things being gotten into the Flesh.

107. *Pbu, Valeriane majoris & minoris, Nardi Cretice*, Of Valerian or Setwal, greater and less, hot and dry in 1°. They provoke Urine, and the Terms, open Obstructions, attenuate, are Alexipharmick, Sudorifick, and Diuretick; they help weakness of Sight, strengthen the Liver and Spleen, help Ruptures, Jaundice, Rickets, Headachs, Catarrhs, and expel Wind: Outwardly, it draws out Thorns, Splinters, and Bullets, and Cures Green wounds.

108. *Pimpinelle, Sanguisorbe*, Of Burnet; hot and dry in 2°. It is Sudorifick, Diuretick, Alexipharmick and Vulnerary: It healeth Wounds, stops Bleedings, Lask and Bloody Flux. It is of great force against Plague, Pestilence, and all malign Diseases. It opens Obstructions of the Lungs, Liver, Kidnies and Womb; it expels Gravel, helps the Colick, cures Coughs and Asthma's, and is good in a Diet against the French Pox.

109. *Plantaginis terrestris*, Of Plantain; cold and dry in 2°. It cleanses, thickens; is hepatick, Anodyne and Vulnerary: It stops fluxes of the Bowels, Spitting of blood, Gonorrhœa, Whites, Terms and Unvoluntary Pissing: outwardly it heals Green Wounds, and Ulcers. It helps all sorts of Agues, and stops pains of the Teeth.

110. *Plantaginis aquatilis*, Of Water-Plantaine, cold in 2°. and Temperate. It has the Vertues of the former, and is good against spitting of Blood.

111. *Polypodii quercini*, of Polypody of the Oak; a kind of fern: cold and dry in 1°. It purgeth tough flegm and Melancholy: it opens obstructions of the Mesentery, Liver and Spleen; it is good against the Scurvy and Hypochondriack Melancholy: it dries up superfluous humours, and takes away Swellings from the Hands, Feet, Knees and Joynts; it helps the Rickets, Stitches, and pains in the Sides, and all ill affects of the Lungs. Corr. & it with Carraways and Cloves. It is most commonly given in Decoctions, because it is but a slow Purger.

112. *Polygonati, Sigilli Salomonis*, of Salomons Seal, hot in 1°. dry in 3°. It is of great force in consolidating of broken bones, glutinating and healing of wounds, and helping of bruises, or black and blue spots: it is applied successfully in Laxations, weakness of the joynts, and Ruptures, for which I think there is no better remedy. It helps any inward bruise, disperseth congealed blood, helps Vomiting, and is eminent against the Whites. Outwardly it cleanseth the Skin of Freckles, Sun-burning, and Morpew: cures Nits in the Head, Scabs, Measles and Small-pox.

113. *Porri*, of Leeks, hot and dry in 4°. They spoil the Eyes: but boyled they are of good nourishment, comforting the Stomack, and restoring such as are in Consumptions: they attenuate, open, cut and dissolve outwardly they maturate Imposthumes, and ease pain. In these, as also in O-
tions and Garlick, Culpeper was

extreamly out, when he said, They were hurtful for Ulcers in the Bladder: for I have upon my own knowledge, known two which have been cured of that disease, only by eating of these Roots to excess, being well boyled, and softned with fresh Butter.

114. *Pyrethri*, of Pellitory of Spain, hot and dry in 4°. Chewed in the mouth, it helps the Tooth-ach; it attenuates, digests, cuts, and is extremely Sudorific: It is profitable against Agues, Palsies, Numbness, Convulsions, Epilepsies, Apoplexies, Megrims, and most Diseases proceeding of Cold: It is Alexipharmick, provokes Urine and the Terms, and cures Quartans. It is of good use to be put into Diets against the French Disease.

115. *Rapi*, of the Turnep, hot in 2°. dry in 1. It is generally boyled and eaten with meat, and is of good nourishment. Essence of Turneps cures Consumptions, helps all Diseases of the Lungs, Kidneys, Bladder and Ureters, and encreaseth Milk and Sperm: outwardly, bruised, raw, or boiled, they help the Gout: and boiled, they ripen or discuss tumors.

116. *Raphani Hortensis, & Sylvestris*, of Garden and Horse-Radishes, they are both hot in 3°. and dry in 2°. But the Wild are the hotter: They open and attenuate, provoke Urine, and the Terms, expel Sand, Gravel, and the Stone: they help old Coughs, and expel gross humours out of the Chest and Lungs: they open obstructions of both Liver and Spleen, help in the Sciatica, expel the secundine, and kill Worms: the

the first are used as a Sallet, the horse are much the more Physicall, and may be used for the intentions aforesaid, either in Essence, or Infusion in Rhenish Wine.

117. *Rha, Rhei Pontici Raponici*, of Pontick Rhubarb. It is hot in 1°. dry in 3°. purging and astringent, expelling Choler, Flegm, and Melancholy from the Stomach and Bowels; It opens obstructions of both Liver and Spleen, and therefore is of force in curing of the Rickets, Melancholy, Scabs, Itch, Jaundice and Green Sickness: give of the Powder from ʒj. to ʒjss. in infusion to ʒjss. It may be given to Women with Child; and in all Fluxes, as in Dysenteria's, Lyenteria's, and Diarrhoea's. It is of singular use, because it leaves a very astringent or binding quality behind it. The Powder made into a Bole with Cassia and Turpentine, cools and cleanses the Reins, and helps the Gonorrhoea: You may make an Extract of it thus: R. Rhubarb ʒviij. Cinnamon ʒvi. make an Extract with Rhenish Wine, sharpened with Juice of Lemons: when you have brought it to a Consistency. To every ounce add Oyl of Aniseeds, gut. xx. and keep it for use. You may give from ʒj. to ʒjss. or ʒj. in strong Bodies, quicken it with Diagridium, Elaterium, &c.

118. *Rhei Barbary, Rhabarbari*, Of Rhubarb. This is the Vulgar, and comes from Barbary, it has the temperatures and Vertues of the former, but you may augment the dose to ʒij. or ʒijss. in Powder.

119. *Rhabarbari monachorum*,

Of Monks Rhubarb, or Garden-dock. This is used also to all the same intentions of the former, but is much weaker and far less purging, being given in full double quantity; chuse of all the sorts that which is the yellowest.

120. *Rhodie*, Rose-root of the Alps, temperate; it is Cephalick, and used chiefly in the Head-ach, being bruised and sprinkled with Rosewater.

121. *Rhubia Tinctorum*, of Madder. It is temperate, and dry in 2°. It is astringent, Pulmonick, and Vulnerary: It is good against Coughs, Ulcers of the Lungs, and Fluxes.

122. *Saponaria*, of Sope-wort, hot and dry in 1°. It strongly attenuates, opens obstructions of Liver, Spleen and Womb; helps Asthma's, provokes Urine and the Terms. A Decoction of it in water (℔j. to 8℔. of water) taken in a morning fasting about half a pint or more, is successfully used against the French Disease and the Dropsie.

123. *Sarsaparilla*, of Prickly bindweed, hot and dry in 1°. chuse that which is of a blackish colour, fresh, not rotten, heavy, flexible, not easily broken. It is used in dyets against the French Pox, and prevails against Pains of the Head and other Pocky Pains running about the Body, for which it is Specifick. It is Sudorifick and Alexipharmick, and prevails against Catarrhs, all manner of Defluxions, Gout, and such like Distempers.

124. *Satirii maris & feminae*, Of Satyrian Male and Female, called Orchis or Dog-stones; hoc
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and moist in 1°. They are sweet in taste, and chiefly used to restore Virility; they strengthen the Womb, and make it fit for Conception, provoking lust, and increasing seed. It has a double bulbous spongy root, chuse that which is most solid and weighty. *Quercitan* makes an Extract or Blood of the Root thus. R. Of the Roots which sink, being cast into water (casting away those which swim) bruise them with Crumbs of white bread (I have found leaven'd brown bread as good) and add Spirit of Wine: digest in Balneo Marie in a close Vessel six days, and then strain and digest the strained Liqueur 20. or 40. days, till it become red; which decant and make an Extract of it. It serves for all the purposes aforesaid: However the *Essentia Satirii* is Antileprick, strengthens the Back, quickens the senses, and repairs old Age, give it in Sack or old Malago.

125. *Saxifragiæ albe*, of white Saxifrage, hot and dry in 2°. It provokes Urine, cleanses the Reins, Kidneys and Bladder, breaks and expels the Stone, is Vulnerary, and to be equalled with Sanicle.

126. *Squille*, of Squills, or Sea-Onion, hot and dry in 2°. chuse that which is fresh and full of juyce. It is prepared by baking of it in Dough, and drying of it, of which is made Vinegar, Wine, Oyl, &c. It provokes Urine, opens the Spleen and Liver, helps Jaundice, Drop sic, and wringing of the Guts, as also the Cough, Asthma, and biting of Venomous Creatures; it kills worms, expels Poyson, and easeth pains of the

head, stomach, and heart: it clears the sight and is beneficial to dry up running sores, and fortifies the Body against all manner of malign and Pestilential Diseases, &c.

127. *Scorzonera nostralis* & *Hispanice*, of Vipers grass, English and Spanish: hot and moist in 1°. They are Alexipharmick, and strongly prevail against poyson, Plague, and all manner of Infectious Diseases, biting of mad Dogs, and other Venemous Creatures: as Vipers, Adders, Serpents, &c. They are good in swoounding fits, Epilepsies, Apoplexies, Convulsions and Vertigo's they exhilarate the heart, and remove sorrow and Melancholy, easing the Megrim, and helping the Suffocation of the Womb. This they do, eaten sodden, roasted, or raw: But the Essence is much more prevalent in all the aforesaid cases; as also in Tertians, Quartans, Cachexy, Drop sic, and French Pox.

128. *Sisiris*, of Skirrets, hot in 2°. and moist in 1°. They are of good nutriment, and used as food or Sallet in the Kitchen. The juyce drunk with Goats milk stops the Lask; they strengthen the stomach, stir up the Appetite, and provoke Urine.

129. *Spatula fetide*, of stinking Gladdon, hot and dry in 3°. It is a kind of Flower-de-luce or Iris. The powder causeth sneezing, thereby purging the head, and easing it of Pain, and cold gross humours. Inwardly the Essence is Cephalick and Pulmonick, and helps Coughs, Wheezings and shortness of Breath, purging gross humours, Cholera and Elogm, and

and provokes the terms, used as an *Erybina*, it attracts filthy humors out of the head; and taken in the morning fasting in Rhenish-wine, it prevails against the Cachexia, Dropsie, King's Evil: Outwardly it helps Bubo's, schrophulous tumours, draws forth broken bones, splinters and thorns, and covers bare bones with flesh, healing fractures, and chiefly of the head: as a pessary it hastens the Birth.

130. *Thapsie*, of Spanish scorching fennel, hot and dry in 3°. The bark thereof, being given in \mathfrak{Dij} . or the Juyce in 3 β . in Mead, strongly purgeth choler upwards and downwards, and helps the Asthma. Outwardly it digests and draws, easeth pains of the Joynts, and helps blemishes of the skin.

131. *Tormetille*, of Tormentill, hot in 10, dry in 3°. It is a kind of Cinquefoil, and of like vertues, but of much greater power; it is of thin parts, alexipharmick and binding. It is sudorifick, and potently resists poyson, plague, and all manner of pestilential Diseases; and brings forth the Small pox and Measles in Children, stays vomiting, and cheers the heart; being more especially beneficial in the Small-pox, if there be a flux in the Belly. It specifically stops all Fluxes, is Vulnerary, and an Alexipharmacum against the French-Pox.

132. *Turbit*, *Turpethi*, of Turbit, hot and dry in 3°. It draws & purgeth gross and clammy humors, chiefly flegm, strongly, from the Joynts and remotest parts; it is eminent against Chronick Diseases, as Gouts, Sciatica, Dropsie, Jaundice, French-Pox,

Scabs, Elephantiasis, and other breakings out. The Powder with honey, helps Gangreens: given alone it is a slow Purger, and causeth loathing and vomiting, and therefore is corrected with Pepper, Ginger, Cinamon, Mastick, Caraways, &c. give in Powder from \mathfrak{Dij} . to \mathfrak{Diiij} . in infusion from 3j. to 3iij. It is dangerous for Children, or Women with Child.

133. *Verbena*, of Vervain; hot and dry in 10. It is astringent, Cephalick, Hysterick, and Vulnerary. *Marcellus* says it cures *Struma's* by way of Amulet, hanging the lower part of the Root (being cut transverse) about the Neck.

134. *Urtica*, of Nettles, hot and dry in 2°. They are of thin parts, open, cut, cleanse, mollifie, are Diuretick, Nephritick, and of force against the Jaundice.

135. *Zedoaria Longa*, of Zedoarie, hot and dry in 29. It dissolveth Wind, is Alexipharmick and Hysterick, chiefly used in the Colick, Gripping of the Guts, Poyson, and biting of venomous Beasts: It stops Fluxes and Vomiting, kills Worms, cures Fits of the Mother, and provokes the Terms: It is also of singular use against the Plague, and all malign Diseases. It cleanses the Lungs, and is good against a stinking breath.

136. *Zedoaria Rotunda*, *Zingiberum*, of the round Zedoarie: It has the same temperature and vertues of the former.

137. *Zingiberis*, of Ginger, hot and dry in 3°. It is excellent to warm a cold Stomach, and expel Wind, making a good digestion, opening, cutting and clean-

sing, resisting corruption and putrefaction of the humors, thereby becoming prevalent against Plague, Poyson, and the like. You

may make a Confect thereof after you have a while steeped it in water, and cut it into slices, and dry'd it.

Cap. II. Of BARKS.

Colledge) Of Hazel, Oranges, Barbary-tree, Birch-tree, Capper-roots, Cassia Lignea, Chestnuts, Cinnamon, Citrons, Dane-wort, Roots of Spurge, Black Alder-tree, Ash-tree, Pomegranats, Pock-wood, Walnut-tree, Green walnuts, Laurel, Bay-tree, Lemons, Mace, Mandrake-root, Mezereon, Mulberry roots, Of Fern, Sloe-tree, Pine-nuts, Pistick-nuts, Poplar-tree, Oak, Elder, Sassafras, Cork, Tamaris, Lime-tree, Frankincense, Elme, Captain Winters Cinnamon.

SALMON's Comment.

1. *Avellanarum*, Of Hazel-nuts. I suppose the College intends them before they are thoroughly ripe; and if so, they are an excellent astringent, and stop Fluxes of all sorts, and the Whites in Women: if they intend the Cups, they are of the same nature, but more effectual to the purposes aforesaid.

2. *Aurantiorum*, of Oranges. The outward rind is very hot and dry, bitter, and of very thin parts; it is alexipharmick, expels wind, and defends the heart from all manner of Poyson and malign Diseases, warming and comforting a cold Stomach; you may make

an Essence thereof to the intentions specified.

3. *Berberis*, *Oxyacantha Galeni*, Of the Barbary-tree. It opens obstructions of both Liver and Spleen, is of subtil parts, purgech Choler, and is of singular use in the yellow jaundice.

4. *Betule*, Of Birch tree; if they mean not *Anagalis aquatica* or Brooklime here: but if the first, it is of excellent use to break the Stone, and dissolve it in both reins and bladder.

5. *Capparis rad.* Of the roots of Cappers. It is hot and dry, opens obstructions of Liver Spleen and Gall; it is sharp, bitter and sour, cutting, cleansing, and binding, good in Melancholy and Arthritic pains.

6. *Cassia Lignea*, of Cassia, Lignea. It has the same vertues and temperature with Cinnamon.

7. *Cinnamomi*, Of Cinnamon, it is hot and dry in 2^o. of thin piercing parts, and astringent; it comforts a cold weak stomach, is good against all manner of Poyson, is Analeprick, and is a great comforter of the whole or Universal frame; it provokes the terms, and facilitates the travel. It cures distempers of the Lungs,

comforteth the heart, fortifies nature, and revives all the Spirits, Natural, Vital, and Animal: It is Cephalick and Hysterick, and strengthens the Brain, Stomach, Liver and Womb. The Oyl of Cinnamon is most effectual in all the aforementioned cases; so also the Essence and Water: where note that *℥ij.* of the bark yields not above *ʒjss.* or *ʒij.* of oyl.

8. *Citrii*, of Citrons: they have the Vertues of Orange-peels, but more temperate and pleasing.

9. *Ebuli*, of Dwarf-Elder. The inward Bark, chiefly of the Root, purgeth water both upwards and downwards from the whole body, dries, discusseth, and provokes Urine admirably. I commend it as a most admirable thing for those who are troubled with an Hydropick or Watery humour. *Schroder* says, that a distilled water hereof, taken *ʒiij.* at a time, for 30 days together, cures the Dropsie.

10. *Ejule Rad.* of Spurge. By the juyce thereof impudent Beggars ulcerate the skin. See the Root in *chap. 1. sect. 66.*

11. *Frangulae, Alni nigrae*, of the black Alder-tree. The inner bark purgeth both Flegm and Choler by stool and vomit; an Infusion of it taken for some mornings together, helps the Rickets, Cachexia, Dropsie, Jaundice, Itch or Mange, causing a good Appetite, and a healthful Constitution.

12. *Frazini*, of the Ash-tree. It is Alexipharmick, opens obstructions of the Liver and Spleen, helps the Rickets, is diuretick, breaks the Stone, and stops Vomiting.

13. *Granatorum immaturorum, malicorum*, of Pomgranates: the peel cools and binds in an extreme manner, and is good against all manner of Fluxes, Whites in Women, and Gonorrhoeas, being 10 days infused in Rhenish-wine, and the Wine drunk every morning fasting for some certain time. It strengthens and comforts the Head, Stomach and Womb, fastens loose Teeth, and stops the Terms in Women.

14. *Guajaci, Ligni Sæti*, of Pock-Wood. It is good in the French-Pox, Gout, Dropsie, &c. It is not so hot as the Wood; you may make the Decoction thus: *℞. of the bruised Bark ℥ij. Water ℔viii. Infuse two days, then boil it to ℔vj. you may make it pleasant with Liquorice, Raisins, Figs, Anniseeds, &c. See the wood.*

15. *Juglandis arboris*, of the Walnut-tree: The inward Bark dried is a strong Vomit, purging Choler and Flegm from the extreme parts: give from *ʒss.* to *ʒj.*

16. *Juglandium nuchum viridum*, of green Walnuts: they are hot in 10. and dry in 20. they offend the Stomach, afflict the Lungs, and cause head-achs: but being preserv'd, they are more grateful, stop fluxes, comfort the Stomach, and potently resist Poyson and Plague. Gather them before they be shell'd at all.

17. *Laureole*, of the Laurel shrub. The vertues are doubtful yet it is said to provoke Vomit, and bring down the Menfes, if this and that of *Diocorides* be the same.

18. *Lauri*, of the Bay-tree. It is bitter, astringent, and binding.

19. *Limonum*, of Lemmons. These have the vertues of Orange and Citron peels, but not so hot, for which they are the better: they are all exceeding good Cephalicks; and an Essence made of either of them, will be a rarity in its kind.

20. *Maceis*, of Mace. This is that which incloses the Nutmeg: It is hot and dry in 30. It is Cephalick, Stomachical, and Urethine: it expels wind, warms a cold stomach, comforts the nerves, and is of good use in Paralytick, bodies; it helps concoction, stinking breath, fainting and palpitation of the heart, is alexipharmick, and stronger and more piercing than the Nutmeg.

21. *Maceris*, of the Barbary-bark. Several Physicians confound this with Mace; but it is a bark of Wood, thick and red, which comes out of Barbary; though some think it to be the bark of the Nutmeg-tree. It is bitter and binding, and stops Fluxes and spitting of blood.

22. *Mandragoræ*, of Mandrakes, I suppose they mean the bark of the root: if so, see the root in Chap. I. Sect. 89.

23. *Mézerei*, of Mézereon. Some think this to be the *Laureola* before mentioned, others not. We can scarce believe when the Colledge named that, they intended this; because it is here named without difference of the Character. It is fiery sharp, biting and excoriated, causing feavers, fainting and swooning fits: It is a very dangerous purge,

yet given with discretion, it purgeth strongly Choler, flegm, and watery humors. It is corrected by steeping of it in Mucilage of flea-bane seeds, in Vinegar, or Juyce of Lemons for 24 hours: dose prepared and corrected from gr. vi. to gr. xii. but it is so malign and dangerous, that it is not often used.

24. *Peruans*: If the Colledge mean the Peruvian bark, of which the Jesuites powder is made, it is an excellent thing against all sorts of Agues: of which the Learned Boyl has given ample Testimony; My own Experience confirms it, for the cure of the Rickets: Some suppose it the bark of the Sassafras-tree.

25. *Prunelli Silvestris*, of the Sloe-tree: the bark of it helps pissing a bed.

26. *Pineorum nucleorum*, of the Pine-nuts: whether of the fruit or of the tree, they are binding and stop fluxes.

27. *Pistacheorum nucleorum exterioris*, the outward skin of the Pistach-nut; it is drying and binding like the former.

28. *Quercus*, of the Oak: both of the tree, and the Acorn-cups; dry, and bind to excess: They stop all manner of fluxes, whites, terms, Gonorrhœa's, and defluxions of Rheum, violently; and therefore ought not to be given till due purging and cleansing be first done: they heal Ulcers, and help spitting of blood.

29. *Sambuci*, of Elder, both roots and trees, purge water, help the Cachexia, Droplic, Jaundice, and Green-sickness.

30. *Sassaæ ligni*, of Sassafras wood or root. It is hot and dry

dry in 3°. It attenuates, opens, dissuffeth, and is Sudorifick: It helps most diseases proceeding from Obstructions; and is of singular use in diets in the French Pox: it strengthens the whole Body, and cures barrenness: and is a kind of *Panacea* or Universal remedy against defluxions of Rheum.

31. *Suberis*, of Cork. It dries and binds much, and is of use in Compositions against the Bloody Flux; in which case the Ashes are prevalent.

32. *Tamarisci*, Of the Tamaris-tree, the middle bark is excellent against the Rickets in Children, and to open obstructions of the Liver and Spleen, thereby helping the Cachexia Jaundice, Hypochondriack Melancholy, &c. it cleanseth, and is Diuretick.

33. *Tilia*, Of the Line-tree, dries, repels, provokes Urine and the Terms; and outwardly applied cures burns.

34. *Thuris*, *Thymiana*, Of Frankincense, or Jews Frankin-

cense, because they used it for fumes: The thick, fat, sweet, new and smooth is best; It is brought from *India*; and is used in fumes to open obstructions of the Matrix, &c.

35. *Ulm*, Of the Elm-tree: it is hot and cleansing, and drunk in Wine or Water, it purgeth flegm: outwardly it helps the Gout, broken Bones, and shrunk Sinews.

36. *Wintevanus Cortex*, Winter-Cinamon, half a dram of it in powder taken in a morning in any convenient vehicle, is a good remedy for the Cachexia and Scurvy, and for old surfeited bodies: snuffed up the nostrils it cleanses the head of Rheum.

37. *Mori rad.* of the Root of Mulberry-tree. It is bitter, hot, and dry, and of a scouring and cleansing property; it opens the Liver and Spleen, Purgeth the Belly, and kills Worms: steeped in Vinegar it helps the Tooth-ach.

Chap. III. of WOODS.

The COLLEDGE.

Of Fir, Wood of Aloe, Rhodum, Brash, Box, Hazel, Cypress, Ebony, Guajacum, Juniper, Lentisk, Nephriticum, Rosemary, Sanders, white, yellow, and red, Sassafras, Tamaris.

SALMON's Comment.

1. *A Bietis*, of the Fir-tree. A decoction of the Wood, cleanseth the Reins and Kidneys, and provokes Urine, expelling sand and gravel from both reins and bladder.

2. *Agalechum, Lignum Aloës*; It fortifies the heart, and cheers the spirits, and strengthens a cold Stomach: it is an excellent perfume. It comforts the Brain and animal faculty. It comes to us in chips which are heavy, bitter, of a Blackish purple-colour with ash-colour'd veins, of a sweet scent and if they be good, they will swim when put into water. *Sala* makes an Extract thereof with Spirit of Wine (℥ij. to ℥vj. of Spirit of Wine) digesting of it three days in Balneo; then decants and adds Rose Water ℥j. then abstracts with a gentle heat, washing and drying the Extract to form it into Troches, of which he gives from gr. iij. to gr. x.

3. *Aspalathi, Rhodium, Ro'e-wood-Alpine*; it is purple coloured, and of the colour of Box, being hot, dry and binding, stopping all Fluxes of the Belly, and heals Ulcers of the Mouth and Privities, though never so foul. The oyl of Rhodium is an excellent perfume, comforts the head and brain, and is good against Apoplexia's, and Falling Sicknefs, dose gut. iij. or iiij. in any convenient Vehicle.

4. *Brasilium, Brasil*, It makes red Ink, with Alom, which will make a good fucus for the face, and serves to make Juleps of a pleasant colour to the Eye.

5. *Buxi*, of Box-tree. An Extract of the Wood is Sudorifick, and good against Epilepsies, Palsies, Worms and Putrefaction. *Quercitan* says the wood is full of a Narcotick Sulphur: but there is an Oyl made of the wood which is a very great Narcotick, of great force to kill worms against the

Falling Sicknefs, and Tooth-ach, which is supposed to be the *Heracleon Oyl* of *Rulandus*.

6. *Coryli*, of the Hazel-tree: the *Heracline Oyl* of the Wood kills Worms, easeth all manner of Pains, and the Epilepsy; outwardly it cleanses and heals Wounds.

7. *Cupressi*, of the Cypress-tree; it is of a drying binding property.

8. *Ebenum, Ebony*. *Paracelsus* commends the Oyl thereof against the Gout and Palsie, French Pox, and Pustles, outwardly used; and the Salt inwardly for the same purpose.

9. *Guaiaacum*, The Pock-wood; It is of a healing drying quality, and strongly Sudorifick, resisting Poyson and Venom, and cleansing the Flesh, Blood, and humors of all manner of Putrefaction, thereby freeing the Body from Rheumatisms, Gouts, Dropsies, and all other cold and moist Diseases, proceeding from Flegm, Water, corruption or Wind; but above all, it is a peculiar specifick in the French Pox: chuse heavy Wood that is juicy, or being laid on the coals will smoak, which is reddish, yellowish and blew mixt together. There is made out of it rectified Oyl by Distillation, which is very admirable in the Pox, &c. given from three drops to five. The decoction is thus made: R. chips of the Wood ℥j. Water ℥xij. Infuse two days, then put thereto Liguorice bruised, Raisins sliced, Aniseeds, of each ℥vij. boyl all till the water is but ℥vj. then strain it for a Dytt: that done, boyl all the things over again in as much more water for ordinary drink.

drink. This is the common way: but 'tis much better to make an infusion of the things 8 or 10 days in a strong Lime-water, &c.

10. *Juniperinum*, Juniper: It is hot and dry in 3°. Cephalick, and a good Perfume, of it is made an Oyl by descent or in a Retort, or by a Vesica or Glass Body; as also an Extract: they are both excellent Sudorificks, Alexipharmicks and Cordials, strengthening the brain and nerves, curing Epilepsies, and resisting Poyson, Plague and Pestilential Diseases.

11. *Lentiscinum*, Mastick-wood; distill'd as juniper-wood, it yields an Oyl of equal Vertues with that of Mastick. See Mastick, the Wood boyled in water is profitable against Coughs, Vomiting, loathing, Fluxes and spitting of Blood.

12. *Nephriticum*, Nephritick, Wood; it is so called because it is a Specifick against Diseases of the Reins and Bladder. It is hot and dry in 1°. It opens all obstructions of the Liver, Spleen, Reins, Ureters and Bladder, there being for those intentions scarce a better Medicine in the World. It is a thick wood without knots, making by infusion in water a sky coloured liquor, it being scarcely used any other way: they that use it much may mix wine with it.

13. *Rosmarini*, of Rosemary; It is Cephalick, and opens obstructions: you may distil a Cephalick oyl good against Epilepsies out of it, as you do out of Juniper. But the Oyl of the leaves and flowers is much better.

14. *Santalum Album, critinum, rubrum*, Saunders White, Yellow and Red; they are Exoticks brought from the Indies: the yellow is best, and sweet-scented; the white next, the red last, and without any scent: The yellow which is well scented, heavy, knotty, and hath much Pith, is good. They are cold in 3°. dry in 2°. opening and Cordial, reviving the heart in faintings, strengthening the Stomack, and cooling the Liver: they are often given in Powder: but *Quercetan* makes a gummy Extract with Spirit of Wine, &c.

15. *Sassafras*, the Ague-tree; It is hot and dry in 2°. opening, attenuating, discussing, and causing sweat: it is chiefly used in such Diseases as proceed from obstructions, weakness, and the like: it is ordinarily used against the French Disease.

16. *Tamarisci*, of Tamarisk; It is temperate, and very good against Scabs, Itch, Black Jaundice, Whites, Fluxes, &c. See the Bark, Chap. 2. *Sub.* 32.

Chap. IV. OF HERBS.

NOTE, That in this Chapter, | this whole Book, we shall have
and many places through | occasion to use several Terms of
Art

Head-aches, Apoplexy, Epilepsie, Vertigo's, &c.

2. *Pectoral*, that it strengthens the Lungs, and helps Coughs, Asthma's; Wheezing, Ulcers, Spitting Blood, &c.

3. *Cardiack*, that it strengthens the Heart, helps swooning Fits, and Palpitation, and revives the Spirits.

4. *Stomachick*, that it fortifies the Stomach, resists vomiting, expels Wind, and causeth a good appetite.

5. *Hepatick*, that it opens obstructions of the Liver, strengthens it, helps the Rickets, Scurvy, Cachexia, &c.

6. *Splenetic*, that it strengthens the Spleen, opens it, and is good against Hypochondriack Melancholy.

7. *Nephritic*, that it provokes Urine, dissolves and brings away the Stone and Gravel in the Reins and Bladder.

8. *Uterine*, or *Hysterick*, that it comforts the womb, and helps Fits of the Mother.

9. *Arthritic*, that it is good against the Gout, Sciatica, Rheumatism, all manner of pains of the Joints, comforts and strengthens them.

These few things, being premised (for Intelligence sake) we now proceed.

1. *Abies*, *ΒΑΛΤΥ*, Fir-tree; hot and dry in 20. the buds bind much, and are effectual against obstructions of the Liver: a water made thereof is good against Warts and Corns.

2. *Abratorum*, *Kashum*, *ΑΨΙ-ΤΟΥ*, Southernwood, hot and dry in 3. It cuts, opens, binds, cleanseth, dissolveth, resists putrefaction,

on, is Alexipharmick Uterine, and Hysterick; kills Worms, warms a cold Stomach, and cures the Jaundice. Outwardly it strengthens weak limbs, and stays the hair from falling: this is the male kind, there is a female which is called *Cypressus*, or *Chamecyparissus*, of which see in what follows.

3. *Absinthium Latifolium vulgare*, *ΑΨΙ-ΘΥΟ*, *ΒΑΔΥΡΑΝΘΟΥ*, Common Wormwood, hot and dry in 20. Absterfiv, Segnotick, and Analeptick; it strengthens and fortifies the Stomach, cleanseth and purgeth: it prevents and helps Surfeits, and Feavers, chiefly Tertians, removeth obstructions of the Liver, and purgeth by Urine: It kills Worms, evacuates Cholera, resists putrefaction and helps stinking breath. It is Sudorifick, expels Wind, easeth Pains of the Stomach and Belly; it is Alexipharmick, and beneficial in the Dropic and Jaundice. The same received into the Ears, helps Deafness; externally it is a good Vulnerary.

4. *Absinthium Ponticum vel Romanum*, Pontick or Roman Wormwood; hot in 1^o. dry in 20. of a nitrous; purging, terrene and Syptick quality; it is stomachick, Splenetic, Hepatick, opening, attenuating, Astringent, discutient, sudorifick, antifebrick, and hypnotick: *Riverius* says that ʒj. of the Salt in a spoonful of juyce of Lemons, helps vomiting in malignant feavers: this is better for the Liver than the former, because not so bitter.

5. *Absinthium Marium*, *Seriphium*, Marsh Wormwood, hot and dry in 10. *Dioscorides* saith that it

it kills Worms, and loosens the Belly: the juyce drunk with Wine resists the Poyson of Hemlock, and Henbane; the leaves stamped with Figs, Salpeter, Darnel-meal and Mustard seed, and applied to the Belly or Sides, help the pain thereof, and all inflammation of both Stomach and Liver.

6. *Acacia vera*, *Ακκία*, Egyptian Thorn. The juyce of the unripe seed is simply called by this name, being the true *Acacia*, of the Ancient, and that which is put into Treacle; the best is of a sweet scent, and of a reddish yellow colour: it is of a cooling, drying, binding, and glutinizing quality.

7. *Acanthus*, *Βράχα Υψηλή*, *Ακανθίδιον*. Bears breech: temperate, mollifying and digesting: It is one of the five Emollients, dries and opens: it is used in Clysters: in a Pultise with *Axungia*, it helps cold Aposthumes, and pain of the Spleen.

8. *Acetosa Oxalis*, *Αράβιον*. Serrel cold and dry in 20. It cuts, cools and opens a hot and obstructed Stomach and Liver, causing a good Appetite, quenching thirst in Feavers, and cooling their heat, being Cordial, Hepatic and Stomachick.

9. *Acetosella*, *Lupula*, *Οξυέριον*, Wood-serrel of the same Temperature and Virtue with the former, save that this is better in Feavers, especially Pestilential: outwardly it ripens tumors.

10. *Acorus*, *Calamus Aromaticus*, *Αροον*, Aromatick reed, hot and dry in 3. It is subtil, of thin parts, and opening. See the Root, chap. 1. sect. 2. Chuse

the white, bitter and sharp.

11. *Acorus palustris Gladiolus*, *Iris palustris lutea*, yellow water-flag, *Εχθίορ Λουτάνεον*, hot and dry in 20. Its Essence helps watering Eyes, and is Cosmetick, helps Cancers, and foul Ulcers of the Privities. It dries, heats, and attenuates, is Segnotick and Cephalick: it cures Dysenteries, and all other Fluxes of the Belly and Womb.

12. *Adiantum Vulgare*, *Capillus Veneris*, *Polytrichum*, *Εδαυδον*, Maidenhair, temperate. It dries, attenuates, opens, and is Pectoral. It is Hepatick, Splenetick, Lithonriptick, Emmenonagock, and loosening; it wasts the Kings-evil, and other hard tumors.

13. *Aconitum*, *Luparia*, *Ακόνιτον*, Wolfs bane, hot and dry in 40. It is the most poysonous of all Vegetables, exceeding *Napellus*: those that are wounded with any weapon dip herein, are said to perish without remedy, within half an hour after: insomuch that it scarce hath an Antidote; if it has its counterpoyson, it is Worm-wood-wine, Rue, Virginian snake-root, Organy, long birch-wort and Mithridate with Vomiting, or the decoction of dill with butter: an Unguent of the juyce kills Lice.

14. *Adiantum Aureum*, *Polytrichum aureum*, Golden Maidenhair, temperate. It rarifies, digests, and causes Expectoration, being Pectoral: it is Diuretick, Lithonriptick, Splenetick, and Cephalick, helping the Falling-sickness, and other Diseases of the brain: the lye of it bathed upon bald places, causeth the hair to grow again. *Carrichtes* wears

wears it against inchantments.

15. *Agaricus*, Agarick, hot in 10. dry in 20. It is Male or Female, the latter is only used, which has streight Veins which is like a comb, or as it were Partitions, being first sweet in taste, then becoming bitter: that which is white, light, thin, brittle, binding, and in taste as aforesaid, is good; the sticky, brown, reddish, long, hard or heavy, is naught. It is a white Mushrooms that grows to the stalks of the Larix-tree: that which grows on the Fir and Pitch-trees is not used inwardly. It is an exceeding good purger of Flegm and watery humors, as also of a thick, tough and viscous slime, and that from the whole body, chiefly from the Head, Mesentery and Lungs: it cures, cleanses and opens, being profitable in the Jaundice, Cachexia, Agues and cold shakings, which come of gross, thick, cold, clammy humors: It provokes Urine and the Terms, kills Worms, and helps those that are bit by Poysonous Beasts. It is given in substance from ʒj. to ʒij. in an infusion from ʒj. to ʒv. It purgeth slow, and is a little nauseous, and therefore is quickned with Sal gem, Crystals of Tartar, and corrected with Ginger, Daucus seed, Cloves or Cinnamon, *Sal's Extract of Agarick is made of Spirit of Wine: some use Waters or Wine; but because it has a little Rosin in it, Spirit of Wine does best.* Troches of Agarick. R. Scrapings of Agarick ʒj. Sal gem ʒj. Oyl of Cinnamon gut. xx. with Oxy-mel make Troches: dose of Extract and Troches from ʒss. to ʒj.

16. *Ageratum*, costus hortorum minor, *Eupatorium* Meluës, *Agri-*

patum. Maudlin, or Costmarie, hot and dry in 20. It is Cephalick, appetitive, Diuretick, and of thin parts; it cleanses, resists putrefaction, is Emmenagogueick, and rectifies the indisposition of the Liver. The Essence serves to all the uses aforesaid, being a present help in the *Tormina* or Bloody-flux.

17. *Agnus Castus*, *ay-ay*, *Ay-ay*, Chast-tree: hot and dry in 2. It is also called *Vitex*, and *Salix Marina*. It is of thin parts, and wassing Wind, causing chastity by exsiccation of the Sperm, & therefore is good for such as desire to live single lives, for Widows and Maids, vexed with the fury or madness of the Womb, and acrimony of seed, being prevalent against spitting of blood, bleeding at Nose, the Whites, and Desfluxions of thin salt rheums.

18. *Agrimonia*, *Eurastiope*, (*Græcorum*) Agrimony; temperate: It is an Hepatick, Splenetic and Traumatick, of subtil parts, cutting and cleansing: it strongly fortifies the Liver, helps pissing of Blood, and the biting or stinging of Serpents, as also Drop-sies, Catarrhs, and Fluxes.

19. *Alcea*, Vervain mallow: Temperate, it is glutinative, exceeding the common mallow, something of a nourishing nature, and loosning the Belly: externally, it mollifies Tumors, and hard swellings of the Mother: In Clysters the roughness and fretting of the Guts, Bladder, and Fundament; the Root in Red Wine is good against the Bloody-flux, and inward burstings.

20. *Alchimilla*, *Stekaria*, *St-nicta* major, Ladies man-e,

tle, temperate and dry in 1°. It is a noble traumatick, being in its operation much like to small Sanicle. It stops bleeding, vomiting, fluxes, courses, and the whies: it keeps down the breasts of Virgins, if too great or flaggy, making them lesser and harder; and is of great force in bruises and ruptures: the Essence taken 30 days together, causeth fruitfulness in Women.

21. *Alkekengi, Solanum Vesicarium, halicacabum, Anisodina* Cor. Winter-Cherries, cold and dry in 2°. of subtil parts, diuretick and nephritick. See the Fruit.

22. *Alliaria, Alliastrum, Pes Asininus*, Jack by the Hedge, hot and dry in 2°. The leaves are a good sauce for salt fish: In Clysters they ease pains of the Colick, Stone, and *Sciatica*, and expel Wind. The Essence inwardly resists Plague and Pestilence, warms the Stomach, causeth Digestion, is Carminative, and a good Pectoral.

23. *Allium, Theriaca rustica, Scbro* Garlick; hot and dry in 4°. of the nature of Onions. It exulcerates the skin, by raising blisters, cures open, discusseth, and is alexipharmick, carminative, cephalick, pectoral, diuretick, and lichenriptic: externally it helps the Itch, and is a good cosmetick. The Essence is powerful to all the uses aforesaid, warming a cold Stomach, provoking the terms, and bringing away the secundine. See *Chap. 1. Sect. 4.*

24. *Allium Silvestre*, Wild Garlick: it has the same temperature and virtues with the former, but more powerful, being

helpful in the Jaundice, Convulsions, Palsies, and cold Diseases.

25. *Alnus Kāñdea*, Alder-tree, cold and dry. It purgeth all bad humours, chiefly melancholy, by stool and vomit, and that violently; it is profitable in Dropsies, Gout, Jaundice, and the like, dose is ʒij. corrected with Cinamon, Ginger, Anise or Fennel-seeds; outwardly it is a cosmetick. See *Cap. 2.* for the bark which is principally used: but it is to be noted, that the Alder here intended, is that which is called *Frangula*, or the black Alder.

26. *Aloë, Sempervivum, Sedum, A. n.* Aloes, hot in 2°, dry in 1°. We mean not here the Horse-Aloes, nor *Aloes Hepatica*, which look like Liver; but the *Aloes Succotrina*. The herb is two fold, 1. Vulgar, out of which comes the Aloes we mean. 2. with a long pointed leaf, a kind of Spear-pointed Houseleek, which hung up will be long green, if you bind Clay about the root, and sometimes water it, or wrap it about with Woolen cloaths dipt in Oyl: this is the American *Sempervivum*. See the virtues among the Gums.

27. *Alfne, Hippago, Hippia, Moissus Galline* (Hen-bit) *A. n.* Chick-weed. Cold and moist in 2°. Inwardly it restores the Consumptions, and abates the unnatural heat of Feavers: externally it asswageth tumors, comforts the Sinews, and is an exceeding good Vulnerary.

28. *Althea, Vismalva, Ithicus*, Marsh-mallow: hot and moist in 1. It is emollient, discussive, anodyne and nephritick. It ripens tumors,

tumors, abates Acrimony, and is profitable in Pleurifies and Pains of the Sides: as also in soreness of the Lungs. See the Root, Chap. 1. Sect. 5.

29. *Amara Dulcis, Solanum Lignosum*, γλυκύμηλον, Bitter-sweet: hot and dry in 2°. the leaves and fruit are absterfive, opening obstructions of Liver and Gall, helping the Dropsies and Yellow Jaundice, and dissolves clotted blood. The *Essence* helps bruises and falls from high places, and gently purgeth by Urine and Stool: 3j. of the fruit drunk in a quarter of a Pint of Rhenish Wine for 40 or 50 days together, cures the Rickets, removes obstructions of the Spleen and Dyspnoea, cleanseth Women in Child-bed, and perfectly robs out *Hypochondriack Melancholy*. The aforesaid *Essence* is a notable Specifick against putrid Feavers and Agues, and a good Vulnerary.

30. *Amarantus*, Αμαράνθος, Flower gentle; cold and dry in 1°. It is good in all Fluxes, Eases, and bleeding, spitting of Blood, &c.

31. *Ami Ameos*, Αμύμη. Bishops weed, or Ethiopian Cumin, hot and dry in 3°. It is of subtil and thin parts, being Anodyne, Diuretick and Emmenagogick. See the seed.

32. *Amomum*, Tree night-shade; In the shops two seeds are called by this name, the 1. is black and round like Pepper, or Cubebs, not sharp, the old *Sison*; the 2. small and pale, referred to the Guinny Pepper: they are seldom used, for *Acorus* supply the place.

33. *Amygdalus*, Αμυγδαλή, the Almond tree. See the Nut which

is only in Use. Chap. 6.

34. *Anacardium*, Bean of Malaca; See the Fruit in Chap. 6.

35. *Anagallis terrestris*, Αναγάλλις, Pimpernel, hot in 2°. dry in 3°. It is attractive, Anodyne, Vulnerary and Alexipharmick; it draws things out of the Flesh, helps the Kings Evil, biting of Venemous Beasts, defects of the Liver and Kidneys, and stops Fluxes, as an *Errhine*; it helps the tooth-ach and dimness of sight.

36. *Anagallis aquatica, becabunga*, Αναγάλλις βυδγ. Brooklime; hot and dry in 2°. it is Specifick against the Scurvy, Dropsie and Jaundice; It is Diaretick, Lithonriptick and Emenagogick, brings away the dead Child and secundine. Outwardly it is Vulnerary, and is excellent against all manner of Tumours, discussive and Cosmetick.

37. *Anagyris*, Bean Trefoil, hot and dry in 1°. A dram of it in Powder drunk in Rhenish Wine, helps the stuffing of the Birth and Lungs, brings down the Courses, and facilitates the Birth; The *Essence* doth the same, also digests and ripens tumors.

38. *Anchusa Orchanet*, Άγκιστρον, Alkanet; cold and dry in 1°. It is nephritick, good against the yellow Jaundice and Agues: outwardly applied with hony, Bean Flower and the white of an Egg, is good against Luxations. See the Root, Chap. 1. Sect. 6. which is stronger.

39. *Androsæmum*, Ανδρσακον, Tuscan or Park Leaves: hot and dry in 2°. It helps burning, stancheth Blood, heals Wounds, Scabs, and old Sores, being absterfive.

sterfive. The Seed in Powder drunk 3ij. at a time, purgeth water, and helps the Sciatica, the Patient drinking Water a day after it.

40. *Anemone*, *Herba venti*, *Anemone*, hot and dry in 3°. The Essence snuffed up the nose strongly purgeth the head: In *Collyries* it helps inflamed Eyes; and applied to corrosive Ulcers cleanseth them; inwardly it provokes the Terms, and increaseth Milk.

41. *Anethum*, *Anetum*, *Anisum*, Dill, hot and dry in 2°. It digests, discusseth, ripens, and is carminative, and increaseth Milk in Nurses: it strengthens and fortifies the Stomach to a wonder, and resisteth Vomiting: it is prevalent against fits of the Mother; is diuretick, and an easer of pain: See the Seed.

42. *Angelica*, *Angelica*, hot and dry in 3°. It is Cordial, Alexipharmick, and a potent resister of the Infection of the Plague, Pestilential Fevers. It expels wind, is vulnerary, nephritick, Emmenonagogick, and Sudorifick; it opens obstructions, attenuates humors, expels the birth, and helps fits of the Mother: you may take of the Powder ʒj. in Sack: or a Spoonful of the Essence, which is infinitely better, in a morning fasting.

43. *Anisum*, *Anisum*, Anise, hot and dry in 3°. It is Anodyne, nephritick, diuretick, pectoral and carminative, attenuating and discussing humors, and breeding Milk in Nurses. See the Seed.

44. *Anonis*, *Arestia bovis*, *Remora atatri*, *Ononis*, Rest-harrow

or Cammock; hot and dry in 3°. It is nephritick, diuretick, and Cephalick; and opens all obstructions: the tender Sprigs pickled with Salt and Vinegar make a good Sallet. See the root which is chiefly used, Chap. I. Sect. 97.

45. *Antirrhinum*, *Orontium*, *Antirrhinum*, Snap-Drum, hot and dry in 2°. The Plant is much like a Calves snout or head. It is seldom used, yet it is good against fits of the Mother: Externally it helps the Pin and Web, being applied to the forehead; is cosmetick, and sometimes used against Ghosts and Inchantments, being worn about the neck, and causing it to fume by burning in the place where they haunt, if *Carrichter* speaks true.

46. *Antithora*, *Anthora*, Wholsom Helmet-flower, hot and dry in 4°. It is a great Antidote against Poyson, called by some the German *contra-yerua*, and the Arabian Zedoary of Avicenna: It is Cordial, Absterfive, opening and attenuating: The Root is chiefly used, being a *Hydragogon*. See Chap. I. Sect. 9.

47. *Aparine*, *Asparago*, *Aparine*, Goosegrass, or Cliver, hot and dry in 1°. of thin parts, and cleansing. It helps the biting of the *Phalangia*, Vipers, and other venomous Creatures: In a Balsam it is good against *Struma*, consolidates Wounds, and heals old Ulcers: Inwardly it is reported to make lean, help the yellow Jaundice, and stop Fluxes.

48. *Apium*, *Apium*, Parsly, hot in 2°. dry in 3°. An Essence made of the whole Plant is pectoral, hepatick, Splenetic, and diuretick.

tick; it attenuates, cleanses, and opens all obstructions in the middle and inferior Ventricle: expels strong poison. It is prevalent against the Jaundice, *Cachexia* (vulgarly the Green-sickness) Stone, Gravel, Wind, and Stoppage of the Terms: It is Traumatick, and Vulnerary. Outwardly it dissolves Tumors, and keeps the hair from falling.

49. *Apoeynum*, *Αποεινυμ* Dogs-bane: hot in 4°. but said to be without driness (and that I think is impossible.) It is of the poisonous nature of *Thora* (which is a kind of Wolfs-bane) so that it kills whatsoever Creature eats it, except preserved by the use of *Anthora*: the leaves mixed with bread, and given to Dogs, presently take away the use of their Limbs, and procure a sudden death.

50. *Aquilegia*, *aquilina*, *Aquileta*, Columbine (we mean those of the single blue Flower) hot and dry in 1°. They open obstructions of the Liver, Spleen and Gall: their Essence mixt with Tincture of Saffron, cures the Yellow-Jaundice, if the Patient sweat upon it: in a Gargle it cures sore Throats and Ulcers in the *Voula*.

51. *Argentina*, *Potentilla*, Wild Tansie, cold in 1°. dry in 2°. Its Essence heals the Bloody-flux, and stops all Lasks and Fluxes whatsoever; it cleanseth Ulcers in the Mouth, and heals them, if a little Alom be dissolved therein. It is a singular good wound-herb, and profitably used against the Stone, and good against the Stone and Gravel in Reins or Bladder: it stops the Whites, and out-

wardly is Cosmetick.

52. *Aristolochia*, *Πιστολoχία*, *Αριστολoχία*, Birthwort, long, round and climbing; hot and dry in 3°. they are all Alexipharmick, and good against the bitings of venomous Beasts. See the Root *Chap. 1. Sect. 11, 12*.

53. *Artemisia*, *Parthenium*, *Αρτεμισία*, Mugwort: hot in 1°. dry in 2°. It is Uterine and Absterfive; opening and cleansing; it provokes the Terms, and brings away both Birth and After-birth.

54. *Anum*, *Ανον*, Wake-Robin or Cockwopins; hot and dry in 4°. It opens obstructions, and is a good Pectoral, purging tough humours and flegm out of the Breast and Lungs. It helps the Asthma, and shortness of Breath, comforts a cold Stomach, provokes Urine, and cures the Green-sickness, called by the Learned *Cachexia*. But the Root is chiefly in use. See it, *Chap. 1. Sect. 10*. being green, it is scarcely to be muddled with, but dry it is more mild: let it be gathered in *March*.

55. *Arundo*, *Κ'λεμος*, Reed, hot and dry in 2°. See the Root *Chap. 1. Sect. 14*. The Sugar-Reed or Cane, is called *Arundo Saccharina*. See among the Gums, *Chap. 8*.

51. *Asarum*, *Ασαρον*, Asarabacca: hot and dry in 3°. The leaves have all the virtues of the Root, but stronger (for which see the Root, *Chap. 1. Sect. 14*.) they are given from 5, 6, 7, 8. to 9. either in infusion or decoction: but the Essence rightly prepared, is more effectual and safer. *Sennertus* makes an Extract

of the whole Plant thus. *R. Roots and leaves of Asaron, Extract with Spirit of Wine and filter: calcine the feces, make a Lixivium in Water, filter it, and mix it with the former extraction, then evaporate it to the consistency of honey, the dose is from ℥j. to ℥ij.*

57. *Acalonitides*, Scallions; hot and dry in 4°. See Onions, Chap. 1. *Secl.* 36.

58. *Asparagus*, *Aacary* ☉, *Op. iv. 10.* Asparagus or Sperage, temperate: It is used as Sallet and Food: for the first Sprouts that spring up in April, are generally foddens and eaten with Oyl or Butter with Vinegar, Salt and Pepper, being then of good Nutriment, and encreasing Lust. See the Root, Chap. 1. *Secl.* 17.

59. *Asperula*, *Spergula*, *Cordialis*, Wood-roof; temperate: it is Cephalick, Traumatick, Cardiatk, Arthritick, and absterfive: it exhilarates the heart, strengthens the Liver and Joynts, helps Pains in the Ears and the Stone, is good in loss of Appetite, and Pestilential Feavers: outwardly it is Vulnerary; The Seed is a *Phlegmagogon*.

60. *Asphodelus Albucum*, *Ara-
Jed* ☉, Asphodel; hot and dry in 3°. See the Root, Chap. 1. *Secl.* 18: which is easily used.

61. *Asphodelus bulbosus*, Onion Asphodel; hot and dry in 3°. It opens, attenuates, is absterfive, and operates as *Aron*: the young sprigs help the yellow Jaundice: and *Galen* saith, That the Ashes of the bulb mixt with Oyl or Hens greafe, help Scald Heads and falling of the Hair.

62. *Asphodelus Luteus*, *Hastula Regia*, Kings Spear, or yellow

Asphodel. See the Root, Chap. 1. *Secl.* 18. A Ly made of the flowers of the English (of *Lobel*) colours hair yellow.

63. *Asplenium*, *Scolopendria vera*, *Ceterach*, *A* ☉, Spleenwort, hot and dry in fine 1°. It is of thin parts, Traumatick, Cephalick, Splenetick and Cardiack: The Essence thereof taken for 40. days together, cures the Green-sickness, Spleen, Strangury, yellow Jaundice, Stone, Dropfie, Kings-evil, quartan Ague, Gonorrhoea, purges melancholy, and dissolveth congealed Blood; it opens obstructions, provokes Urine and Terms, and breaks the Stone: but the great use hereof causeth Barrenness, by consuming the Seed.

64. After *Athens*, *Stellaria*, *A* ☉, Star-wort; It is called also *Hypothalmon*, and *Asterion*: temperate and dry in 1°. It is good against the Quinsie, and the *Epilepsie* in Children, chiefly the flowers: Externally the leaves in a Cataplasim, mature and suppurate Bitches, Imposthumes and venereous Buboes.

65. *Atractilis*, Wild Bastard-Saffron, hot and dry in 1°. The tops, leaves and seeds drunk with Pepper and Wine, help the stinging of Scorpions, Vipers, &c. and cleanse the Breast and Lungs of Flegm.

66. *Atriplex hortensis*, *A* ☉, Garden-Orach or Arach, cold in 1°. moist in 2°. It is Emollient and Anodyne: boyled and eaten it is a good Sallet: it loosens and opens obstructions of the Liver.

67. *Atriplex olida*, *Carosnos* Cor.

Cordia, γαρύφαλλος, stinking Arach; it is of the temperature of the former: It is a most excellent thing against fits of the Mother, obstructions and foulness of the Womb, and other Diseases offending it.

68. *Atriplex Sylvestris*, Polyspermon, Απορρυσίζουσα, Wild Arach, or All Seed, cold in 1°. moist in 2°. It is an excellent thing against Inflammations, hot Apoplethumes, Saint Anthony's Fire: being mixed with Vinegar and Nitre, it cures Scabbiness, dissolves Tumors, and easeth pains of the Gout.

69. *Avellana*, *Corylus*, the Filbert-tree; the Catkins are cold and dry in 1°. they dry, bind, and stop Fluxes: A Decoction of the inner rind of the Tree drunk first and last for 10 or 12 days together, are good against the Strangury. See the Nut in Chap. 6.

70. *Avellana Sylvestris*, *Corylus*, *Nux Pontica*, Καστανοειδής, Hazle tree, of the same Vertues with the former: the leaves of both stop fluxes.

71. *Avena*, Βρώμη, Oats, cold and dry in 1°. Oats fry'd whole in a Pan, with *Sp. Vini*, and applied as hot as can be endured (in a linnen bag) to the side or belly, help pains there, stiches and the Colick. The Meal made into a Pulvis with Butter, dries up Scabby Heads; and made in to food, helps Fluxes.

72. *Antia malus*, Χρυσάνθεμος, Orange tree, see the Flowers and Fruit, which are chiefly used.

73. *Auricula Urst*, Bears Ears, Temperate and dry in 2°. It is Traumarick and Vulnery, hea-

ling all inward and outward Wounds; and *Enterocelt*, if the Essence of it be often taken; it is of the nature of Sanicle, and does the same thing.

74. *Auricula Muris*, *Pilosella*, Μουσέτα, Mouse-ear, hot and dry in 2°. It is an extraordinary good Vulnery, cleansing, drying, binding and strengthening: it allayes Choler, cures *Dysenterias*, and all manner of Fluxes; is good against Ruptures, broken bones, and weak joynts. In a gargarism it healeth the Ulcers of the Mouth and Throat. It cures Consumptions, Coughs, Asthma's, Ulcers in the Lungs, and spitting of Blood, being glutinative, coolling, and drying: the Essence, or the milky juyce thereof, is good for all the purposes aforesaid. It is said that the juyce makes steel that is often quenched therein, to be so hard, that it will cut Iron or Stone without waxing dull.

75. *Baccharis*, *Conyza major*, Βακχαρίς, Plowmans Spikenard; It is hot and dry, (but scarcely known in what degree) it opens oppilations, provokes Urine and the Terms; is Pectoral, helps Asthma's, Bruises, Ruptures, Convulsions, and the bitings of Venemous Beasts.

76. *Balanus*, *Myrsipica*, *Sylvestris*, Βέν. Σβέρ. E. Nut Ben. The tree is like a Hazle, bearing a Nut, fat and oily like an Almond, called by some the oily Acron. See the Nut, Chap. 6.

77. *Balsamina*, Βαλσαμίν, Balm-Apple, hot in 1°. dry in 2°. The leaves are Carminative, Vulnery, and Aperitive: they are good in Colicks, Convulsions, or Cramps, and ease the

pains of Child-birth, and the Hemorrhoids. The Apple applied helps pricked and wounded Nerves and Sinews, Sores, Scars, &c.

78. *Balsamita*, *Cosumary*, or *Ale-cost*: hot and dry in 2°. It is a kind of Maudlin, and has the same Vertues, See *Ageratum*. *Sect.* 16.

79. *Balsamum*, *Βάλαμον*, *Balsam-tree*. It is a shrub of but three Cubits long, having leaves like Rue, that comes from Syria: the Egyptian Balsam has Mastick-leaves; this Tree grows in Arabia Felix, from thence transported into India, now into Egypt, near Grand Cairo. The Liquor is called *Opobalsamum*; the Fruit *Carpobalsamum*; the Wood *Xylobalsamum*; which, as *Peter Bellonius* saith, is the same with the Ancients. The Liquor or Balsom of *Peru*, comes out of a tree growing in New Spain, bigger than a *Pomgranate-tree*. And because the Fruit and Wood are not usual, *Cubebs* are used for the one; branches of the *Mastick tree* for the other. See the Balsom in *Chap.* 8.

80. *Barbarea*, *Winter-Cresses*; hot and dry in 2°. The juyce with Wax, Oyl, and Turpentine made into a Balsam, mundifieth Ulcers: The Essence with Essence of Scurvy-grass, is a sure remedy against the Scurvy. In Winter they may be used instead of Garden-Cresses: their Essence opens all obstructions, provokes Urine and the Terms, and expels Wind, Stone and Gravel.

81. *Bardana major*, *Protopis*, *Personata*, *Αρνειον*, Burdock; hot and dry in 1°. It is called also

Lappa major. See *Chap.* 1. *Sect.* 20. It is Pectoral, Nephritick, Lithontriprick, Diuretick, Diaphoretick, and Vulnerary; healing *Asthma's*, Ulcers in the Lungs, and spitting of Blood: it is profitable against the Stone, obstructions of the Spleen, and bitings of venomous Beasts; as also for the Gout, for which it is a Specifick.

82. *Bardana minor*, *Lappa minor*, *Λευδιον*, the lesser Burdock; hot and dry in 1°. *Matthiolus* saith, that this Herb cures the Leprosie: however outwardly it is of excellent use in the Kings-Evil, to diseuss Tumors, and to kill the burning heat of Cancers; as also to help the shrinking of the Sinews and Arteries.

83. *Basilicum*, *Βασιλικον*, Sweet Basil; hot in 2°, moist in 1°. It is Emollient, Digestive, and Diuretick, helping the biting and stinging of venomous Creatures. The Essence drunk with Sack, helps the Head-ach, Asthma, Strangury, and fainting fits; it is Pectoral and Emmenagogick.

84. *Basilicum sylvestre*, *Αΐνον*, Wild or Stone Basil; hot and dry in 2°. It stops all sorts of Fluxes, and the Terms in Women; applied outwardly, it helps all Inflammations.

85. *Batata*, *Ignames*, *Comotes*, Potatoes; temperate; the Root is only used, and has the same virtues with the Parsnip; which see *Chap.* 1. *Sect.* 99.

86. *Ben*, *Behen*; it is taken for Valerian, hot and moist in 2°. See *Chap.* 1. *Sect.* 22.

87. *Bellis*, *Consolida minima*, *Herba Margarita*, *Daisie*; cold in 1°, moist in 2°. The little wild Daisie is the best; it loosens the Belly

Belly in Children; it is a singular good Vulnerary, healing all Sores, Ulcers, Imposthumes, and Inflammations. It is good against burnings, scaldings, and Gout-pains, if made into a Cataplasim and applied: the Essence is very good against Agues, and all inward heats.

88. *Berberis*, Ὀξύανθος, Berberry-bush, called also *Crespinus*; cold and dry in 2°. The Essence of the leaves is good against Cholerick Feavers, Fluxes, heat of Blood and Liver; as also loss of Appetite. See the Bark, Chap. 2. Sect. 3. and the Fruit, Chap. 6.

89. *Bata*, Τεύταλον Σεύταλον, Beet, both white and red (the white is called *Sicula*) The leaves have the same vertues of the Root, which see Chap. 2. Sect. 24. The Essence of the White provokes Urine, opens obstructions both of Liver and Spleen, helps Poyson, Vertigoes, and Head-ach: The red stops Fluxes and the Terms.

90. *Betonica*, Κέκρορ ἢ Λυγρό-τρονον, Bettony; hot and dry in 2. It attenuates, opens obstructions, cleanseth, discusseth, is Traumatick, Diuretick, Cephalick, Pectoral, Hepatick and Splenetick. See my *Dor. Med.* l. 1. c. 1. Sect. 17.

91. *Betonica aquatica*, Clymenon, Water-Bettony, hot and dry in 2°. It scours, cleanses, and putrifies all old Sores, putrified and malignant Ulcers, especially if the Essence be mixed with honey. The said Essence is prevalent also against deformity and redness of the Face, helps the Cough, Asthma, distillations of Rheum, Dropsie and Colick; insilled, it helps

the Pain of the Ears; applied outwardly, it ripens Biles, and Plague-sores, and draws splinters and thorns out of the flesh.

92. *Betula Semas*, Σηπούδω, Birch-tree; hot and dry in 1°. The leaves dissolve, attenuate, cleanse, open, purge water, help the Dropsie, and taken for some time together, break the Stone in both Reins and Bladder. A Lye of the ashes of the bark is effectual to heal sore Mouths, take away Scabs, &c. See Chap. 2. Sect. 4. It is used in Perfumes to be burnt; the Mushroom is binding, and cures the Piles specifically: for the Tears, see Chap. 9. following.

93. *Bifolium Pseudorchidis*, Ὠρχις, Twablade; hot and dry in 1°. It contracts, is astringent and Vulnerary, consolidates Wounds, Ruptures, and stops Fluxes.

94. *Bistorta*, Colubrina, Radix Serpentaria, Φελύγανθος, Snake-weed, cold and dry in 3°. See the Root, Chap. 1. Sect. 25.

95. *Blattaria*, Moth-Mullein: It opens obstructions of the Bowels, and Meieraick Veins.

96. *Blitum album & rubrum*, Βάιτον ἢ Βάκτον, Blites, white and red, cold and moist in 2°.

97. *Boibonach*, *Lunaria latifolia*, Money-flower; hot and dry in 3°. It is of a sharp taste like Treacle Mustard: a Cataplasim made of the leaves with Sanicle, Oyl and Wax, is excellent good for green Wounds.

98. *Borrage*, *Corrago*, Ἐυφροσύνη, Borrage, temperate and moist in 2°. It clears the Heart, takes away Melancholy, freeing the vital and animal Spirits from oppression.

99. *Botrys*, Oak of Jerusalem ; hot and dry in 2°. It is of subtil parts, helps stoppings of the Breast, Asthma and Cough, and cuts tough Flegm.

100. *Brassica, Caulis, Crambe*, Κράβη. Colewort, temperate and dry in 1°. An Essence made thereof is of a strengthening and of a nitrous quality, fortifies the humane frame, is Pectoral and Analeptick, restoring such as are in Consumptions, taking away purfiness, and diseases thence proceeding; as an Errhine it purgeth the head and brains.

101. *Brassica capitata caulis capitulatus*, Κράβη κεφαλή, Cabbage; It has the same Temperature and Virtues with the former: An Essence thereof easeh the Colick, all pains and gripings of the Bowels, the Stone in the Kidnies, and helps Consumptions and Ulcers of the Lungs; boyled in Broth with Flesh, it is good Food.

102. *Brasiliun*, Brasil shrub, cold and dry, and Astringent; the decoction is first yellow; if longer boyled, then reddish; at length purple, and with Alom it becomes red. See Chap. 3. Sect. 4.

103. *Bryonia alba, vitis alba, vitalba, viticella*, Βρυονία & Λίανθρον, white Bryony; hot and dry in 3°. It cleanses, purges choler, flegm and water, opens obstructions of the Liver, Spleen, Reins and Bladder, provokes the terms, cures suffocation of the Womb, and drives forth the Birth, See may Dor. Med. Lib. 1. Cap. 3. Sect. 50. The first sprigs boyled and eaten, purge by stool and Urine, thereby helping the Dropic and cachectical disposition of

the Body: an Essence of the juyce of the leaves or branches is good to the intentions aforesaid, easeh the Gout, and very helping in the falling sickness and Vertigo. See the Root Chap. 1. Sect. 28. The juyce Nectar of *Clossus*. R. Juyce of Bryony strained ʒj. Oyl of Vitriol or Sulphur ʒj. mix them, of which give ʒj. in Rhemish Wine: it sometimes vomits, sometimes purgeth, but mostly provokes Urine.

104. *Bryonia nigra*, Black Bryony; hot and dry in 3°. See the Root, Chap. 1. Sect. 29. which is chiefly in use.

105. *Buglossum, Lingua Bovis*, Βόγλωσσον, Bugloss; Temperate and moist in 2°. It is Cardiack, and Alexipharmick, and therefore comforts and strengthens the Heart, and exhilarates the Spirits: It is an exceeding good Vulnerary, and has all the Virtues of Borrage, which see Sect. 98.

106. *Bugula, Consolida media, Solidago minor*, Βούβουλη, Bugle; Temperate: It is a great Tramatick, and Vulnerary; it consolidates Ruptures, helps bruises, dissolves congealed Blood, and heals all Wounds, whether inward or outward, opening obstructions of the Liver, and strengthening of it. It is eminent against Feavers, is good in the Jaundice, rotten Ulcers, and Sores in the Mouth, Gums and secret parts.

107. *Bulbo castanum, Nucula terrestris, Glaustrera*, Αμυγδαλόν. Earth Nut, ground-nut, hot and dry in 1°. The herb is cleansing, and provokes Urine; The Nuts eaten help spiriting of Blood, are very nourishing and strength-

strengthening the Stomach; if they be boyled and eaten as Parsnips, they are not inferiour to them.

108. *Bunias*, *Napus Sylvestris*, *Bunias*, Navew, garden and wild, temperate; it is altogether of the nature of the Turnep. See Chap. 1. *Sist.* 93. and 115.

109. *Buplurum*, *Auricula Leporis*, *Buplurum*, Hares Ears, temperate; they are opening, Vulnerary and Nephritic; they help the biting and stinging of Venomous Beasts, provoke Urine and the courses; Externally and Internally both, they consume and drive away the Kings Evil, Cancers, and other old Sores that are hard to cure.

110. *Bursa pastoris*, *Pera Pastoris*, Shepherds Purse, cold in 1^o dry in 2^o. It binds and astringeth, is good in bleeding at the Nose, spitting of blood, pissing of blood, bloody flux, and the flux of Womens courses; it stops a looseness, cures Wounds, and stops bleeding in any part of the body.

111. *Buxus*, *Buxus*, Box-tree, the lesser is called *Chamebuxus*, dwarf or ground-box: the leaves (though not commonly used in Physick) purge, if ʒj. be decoct in Whey, or ʒj. of the Powder be drunk in both: given to horses they help the Bots. See the Wood, Chap. 3.

112. *Cacalia*, *Canarium*, *Kamelion*, Horse-foot: hot and dry in 1^o. It is Emplastick and Pectoral, it operates like Liqurice.

113. *Cacao*, *Cagavate*, *Cacao*-tree, that which bears the Nut, whose confection is *Chocolate*. Temperate and dry in 2^o. The

Confection being taken in Milk, strengthens and fortifies nature, helps digestion, and preserves health, cures Consumptions, stops Fluxes, opens obstructions of Liver, Spleen, Gall and Reins, sweetens the breath, provokes Urine, helps in the Stone and Strangury, expels Poyson, preserves from infection, encreases Sperm, stirs up Venery.

114. *Calamintha*, *Calamintum*, *Kalmint*, Calamint, hot and dry in 3^o. It is hot, biting and of a thin substance; it opens obstructions of Liver, Spleen, Gall, Womb, Reins, and Bladder: It is Pectoral, Stomatick, Hepatick, and Uterine: it provokes sweat, consumes superfluous humors, provokes the terms, and expels the dead child: It is good against Cramps, Convulsions and *Orthopneas*; it helps the yellow Jaundice expels Poyson, and is good against the biting of venomous beasts. The *Essence* is proper for all the things aforesaid, and used as an *Errhine*, it stops bleeding at the Nose. Being taken inwardly for four or five months together, it prevails against the Leprosie; especially drinking Whey after it.

115. *Calendula*, *Caltha*, *Χρυσάνθεμον*, Marigold, hot and dry in 1^o. The juyce of the leaves helps the tooth-ach, and dropped into red and watery eyes, takes away the inflammation and pain. See Chap. 4.

116. *Camelina*, Treacle wormseed, hot and dry in 3^o. The juyce helps Ulcers of the mouth, kills and expels Worms: It is good against the venom of Mushrooms, strengthens the Stomach, and

helps Palsies, Epilepsies.

117. *Campanula*, *Rapunculus*, *Rapuntium*; Bell-flower; (a kind of Rampion) cold and dry in 1°. It is Vulnerary, stops fluxes, and makes a good gargle for the mouth: eaten with Vinegar, Oyl and Pepper, it is a good Sallet, and causes Appetite, and encreases Milk in Nurles.

118. *Cannabis*, *Κένναβος*, Hemp, hot and dry in 1°. The Essence is good against burnings and pain of the Ears from obstructions; it kills Worms, and helps the Gout. See the Seed.

119. *Canella*, *Cinnamomum*, *Cassia*, *Κιννάμωμος*, Cinnamon-tree; hot and dry in 2°. There is a great dispute concerning the difference between *Cassia Ligna* and *Cinnamon*; some say, they are both one, differing only in Names; others, that they are the same, but differ only in place; others, that they come both off of the same tree, and so call the outward thickest bark *Cassia Ligna*, the inward thin bark the *Cinnamon*: others say, that they come off of different trees that are very like, so that the *Cassia* may be made a *Cinnamon*-tree by transplantation: but doubtless the Shop-*Cinnamon* or *Canella* is the true *Cassia* of the Ancients; and if we must distinguish, you may call the thicker bark *Cassia*, and the thinner *Cinnamon*. See Chap. 2. Sect. 7.

120. *Capparis*, *Καρταγίς*, Capers; hot in 1°: and dry in 2°. The Buds are hot, and of thin parts; they cause Appetite, help a moist Stomach, open obstructions, and cleanse away flegm. See the Bark of the Root, Chap. 2.

Sect. 5: and the flowers or buds aforesaid are often pickled with us, and eaten as sawce; and so help the oppilations of the Liver and Spleen, and remove melancholy: You may make an Extractt of the Bark of the Roots, with the Juice of Oranges, which will be of great force in all the cases aforesaid, and be very prevalent against *Quartan-Agues*, hard *Spleens*, *Kings-Evil*, *Palsies*, *Convulsions*, *Cramps*, and weakness of the Nerves, and the Gout, by expelling of gross humors by Urine and Stool; you may give ʒj at a time.

121. *Capsicum*, Ginny-pepper, hot and dry in 4°. It is an Enemy to the Liver, and scarce safe to take inwardly, without being prepared by steeping in Vinegar two or three days, and then drying of it: outwardly mixt with honey and applied, it dissolves the *Kings-Evil*, and cold hard swellings; and serves to dye with, as Saffron doth.

122. *Cardamine*, *flos Cuculi*, Cuckow flower, Ladies-smocks, or Canterbury-bells; hot and dry in 2°. They cure the Scurvy, and perform all that the Watercress doth.

123. *Cardamomum*, *Grana Paradisi*, *Καρδάμωμος*, Cardamoms or Grains of Paradise. See Ch. 7. they are hot and dry in 3°. The great Cardamoms come from Ginny, and are the Grains of Paradise; the lesser from the East-Indies, and bear the name of Cardamoms. Those are the best which are hard to be broken, full, close, smell strong, are sharp and bitter. See Dor. Med. lib. 1. Chap. 1. Sect. 20.

124. *Cardiaca*, *Καρδιακή*, Motherwort, hot and dry in 20. It is called wild Balm, and male horehound; it attenuates, discuties, cleanses, and provokes Urine, and the Terms. It helps all infirmities of the heart, as the *Cardiaca*, or *Cardialgia*, & brings away the birth with ease. It helps Convulsions, Cramps, Palsies and Epilepsies: it kills all sorts of Worms, and opens obstructions in the Bowels: it is Traumatick, and Pectoral, and helps in the rising of the Mother: dose of the powder ʒj. of the Essence ʒʒ. See our *Dor. Med. l. i. cap. i. sect. 21.*

125. *Carduus*, *Αἰσός*. The common Thistle; hot and dry in 20. Their Essences drive forth stinking Urine, and help the rank smell of the Arm-pits, and whole Body: while tender, they may be boiled and eaten as a Sallet with oyl, vinegar, salt and pepper: The said Essences strengthen the Stomach and Womb, and help a stinking breath: outwardly they cause hair to grow.

126. *Carduus Benedictus*, *Αἰσὸς ἁγίου*, *Carduus Benedictus*, hot and dry in 20. Gathered in the beginning of June, it cures green Wounds to a wonder: it attenuates, opens obstruction, discuteth, is Cephalick, Cardiack, Alexipharmick, and Sudorifick; it cures old Quarrens, helps Head-achs, and deafness, Vertigo, loss of memory: gripings of the belly; kills worms, and expels Gravel and Sand; the essence or powder of the leaves is a sure Antidote against the Plague, and Pestilential Fevers, and biting of mad Dogs, or any venomous Beast; as also against

the French-Pox and Scurvy: Outwardly in a Pultise, it is applied to stop a Gangrene.

127. *Carduus Marie*, Ladies Thistle, hot and dry in 20. It stops bleeding, and all manner of lasks and fluxes, wafts cold swellings, and in a Gargarism, helps the Tooth-ach: the leaves white, young and tender, are commonly boiled, and eaten as a Sallet. The chief use is in Pleurisies, Jaundice, and Dropsies.

128. *Carduus Chrysanthemus*, Golden-thistle, temperate: The root and tender leaves are often eaten for food, but are of thin and watrish nutriment: the Roots provoke Urine, and cause lust: outwardly with Vinegar they are Cosmetick.

129. *Carlina*, *Λευκακάνθα*, *Χηλιδάκη*, *Λευκή*, *Carlina* thistle, hot in 20. and dry in 30. It is Diaphoretick, Diuretick, Alexipharmick. See the Root, chap. I. sect. 37.

130. *Carlo Sancto*, Indian purger, hot and dry in 20. The bark of the Root is Emetick, and brings forth choler and flegm, especially if a Cathartick be first taken, the bark chewed in the mouth is an Apophlegmatism, which takes away distillations, and pains of the head, fastens loose Gums, cleanseth filthy Teeth, and makes a sweet breath: The Powder or Essence of the herb helps suffocation of the Womb, passion of the heart, Epilepsie, weakness of the Stomach, and French Disease.

131. *Carpinus*, *Ὀξιά*, *Ὀξιά*, *Ὀξιά*, Horn-beam-tree; it is a strong, hard, durable wood, out of which an Oyl may be drawn,

drawn, of excellent use in the French Disease, as out of Box.

132. *Carthamus*, Κας 40. Bastard Saffron. hot and dry in 1°. It has yellow flowers, with which sometimes they adulterate Saffron. It purgeth by vomit, flegm and water, &c. See the Seed, Chap. 7.

133. *Carum*, *Caryum*, Κας 6. Carraway, hot and dry in 3°. It expels wind, strengthens the Stomach, helps Concoction, provokes Urine, helps all cold griefs of the head, bowels and womb, and sharpens the sight; the root may be eaten as Carrots. See the Seed, Chap. 7.

134. *Caryophyllata*, *nardus rustica*, Δε 20. Avens, hot and dry in 2°. It is cleansing, strengthening, discutient, alexipharmick, anodyne, traumatick and vulnerary: the essence of the herb is prevalent in stitches, and pains of the sides, obstructions of the Liver and Spleen, all inward wounds, fluxes, and ruptures: It is a preservative against the Plague, and Pestilential Airs, being cardiack, and cephalick. See the Root, Chap. 1. Sect. 33.

135. *Caryophyllus Tunica*, 020-210. Carnations, or Clove-Gilly flowers; See the Flowers, Chap. 5.

136. *Caryophyllus aromaticus*, Καριόφυλλον. Clove tree. The Cloves which are hot and dry in 3°. are also called *Caryophyllum*; they help digestion, strengthen the Head, Stomach, Liver, Heart, Womb and Bowels, stir up lust, and make a good Balsom for all wounds both inward and outward: The Tincture in Rhenish Wine, or brisk

Canary, is very powerful to all the uses aforesaid: It also easeth head-achs coming of cold, makes a stinking breath sweet, and is an *Alexipharmacum* in the French disease: they are a kind of Aromatick flower, made black and hard by the Sun-beams: they are of two sorts. First, those which fall before they are ripe, and are small. Secondly, the *Anthophyl*, which are ripe, larger, sweeter scented, and full of an oily moisture when squeezed, which are best. Cloves yield much Oyl, of which see in its place: We make an extract thus, R. Cloves grossly bruised, draw off a strong tincture with Rhenish Wine in 10. days; decant it; calcine the feces, of which make a salt; mix it with the former tincture; and in Balneo Mariæ, draw off the humidity, till the extract is of a just consistency. It is a great Cephalick and Cordial, and good in all the above-mentioned purposes, dose ʒss.

137. *Cassia fistula*, Κασις μέλαινα, Cassia: temperate and moist in 1°. The Canes which hold the Pulp, are the fruit of the Tree, which is tall like a Walnut tree. Chuse those Cods which are heavy, fresh, full, bright and fat, and such as will not rattle when shaken. The Pulp extracted with Rhenish Wine, gently purgeth Choler, Flegm, and slimy humors, being very safe for young Children and Women with Child. It is singular good against Fevers, Pleurisies, Jaundice, and inflammations of the Liver, Reins and Kidnies; it expels both Gravel and Stone; purges and purifies the blood, and frees it from all inflammations of the Breast, Lungs

Lungs and aspera arteria. It quencth thirst in Agues and Feavers, is good in a Gonorrhea, Cholerick and Melancholy diseases; and all this more especially if it be mixt with a glass of Rhenish wine and drunk: you may correct it with Cinnamon, or its Oyl, Mastick and Anniseeds. The Pulp must be extracted just when it is used, otherwise it will grow four if it be kept: give to an Infant to ʒj. ʒ. to men to ʒij. ʒ. and in Clysters to ʒij. ʒ.

138. *Castanea, Lopima, Κάστανια*, Chestnut-tree: the fruit *Nux Heracleotica, Glandes Sardinæ*. See the Nut in Chap. 6. which Galen commends above all Nuts, and in that doubtless he was not amiss: the bark of the Tree or the leaves boyled in wine, helps the bloody flux, and stops Lasks and all other fluxes of blood.

139. *Cataputia minor, Lactaria* *Αζδουρι, Τιβιδιά* *Σπ.*, Spurge, hot and dry in 4°. that of the Sea is the strongest: the milky juyce and sap is most violent; then the seed, lastly the root: the juyce of the common is emetick and evacuates choler and flegm, thereby curing the Dropsie, Jaundice and Gout, Pox, Leprosie, and Mange; it helps hot swellings, Carbuncles, and the hard Callousness of Fistula's: it kills both fish and fowl, if mixt with any thing that they will eat: prepare the juyce as that of *Esula*, Cap. 1. Sect. 66. So will you have a medicament inferiour to few in the world: if you give it unprepared, give from 6 to 12 of the seeds, and of the leaves, 4 or 5. Outwardly it draws blisters; and the milky juyce takes off hairs from any place.

140. *Caucalis*, hedge or Bastard Parsly; hot and dry in 2°. it is a pot-herb; and is used to open obstructions of the Urinary passages; it provokes the Terms, and dissolveth and expelleth the Stone: it helps the oppilation of the Liver and Spleen, cuts and digests raw humors, expels wind, quickens the sight, comforts the Stomach, fortifies the heart, revives the Spirits, and excites Venery.

141. *Cauda Muris*, Mouse-tail, cold and dry in 1°. Its Vertues are the same with Plantain and Buck-horn.

142. *Cedrus, Κισσός*, Cedar-tree; hot and dry in 1°. The Wood is profitable against the French Pox; and an infusion in Vinegar, helps the Tooth-ach, helps Scabs, and breakings out. The Rosin is called *Cedria*.

143. *Centaurium, Κενταύριον*, Centaury; hot and dry in 3°. It opens all obstructions both of Liver, Spleen, and Gall; cures Dropsies and yellow Jaundice; is cleansing, opening and Vulnerary, and gently purges Choler and Flegm; it is excellent good in Feavers, stoppage of the Terms, Scurvy, Gout, and biting of Mad Dogs. If ʒj. of the powder be drunk once a day, it will help long Agues, kill Worms, and cure the Dropsie and Green sickness. See *Dyr. Med. Lib. 1. Cap. 1. Sect. 22.*

144. *Cepa, Cipe*; *Κοιμυον* *Κοιμω*, Onions; hot and dry in 4°. they open, cut, cleanse, expel Tartar from the Lungs; and boyled with honey, they provoke Urine and the Terms, and kill Worms. See the Root, Cap. 1. Sect. 36.

Sell. 36. Outwardly boiled in greafe and applied, they cure Ribes, Burns, and the Hemorrhoids, &c.

145. *Cerasus*; *Κερασιος*; Cherry-tree; it is twofold, viz. the red sharp, and the black sweet, which are used in Physick. See the Fruit in chap. 6. and the Gum in chap. 8. following.

146. *Cerefolium* *Cherphyllum*, *Χαιρεπυλλον*; Chervil; temperate and dry in 10. It is of thin parts, Diuretick and Pectoral: It kills worms, dissolves congealed blood, breaks the Stone, and easeth pains of the Colick and Strangury. It is good against Pleurifies and pains of the sides, and stirs up Lust.

147. *Crinthe*, *Κριτινος*, Honey-wort; temperate: It is astringent, and stops bleeding at Mouth and Nose, the Diarrhea and immoderate Fluxes of Women. The Essence with the Tincture of Saffron helps bleared and watering Eyes, and incarnates Ulcers, after they are cleansed: some use it instead of Borrage and Bugloss, however it is a good Vulnerary.

148. *Chamecistus*, *Χαμαιστιος*, English or Dwarf-Cistus, or Holy Rose; temperate and dry in 20. It is Vulnerary, stops Blood, and all Issues thereof, as Dysenteria, Hemoptysis, and Terms: the Juice or Essence with Wine, heals Ulcers in the mouth and secret parts.

149. *Chamedrys*, *Trizago*, *Trisago*, *Teucrium*, *Καυοιδεν*, Germander; hot and dry in 20. It cures, attenuates, opens obstructions, is Sudorifick, Diuretick, Antiscorbutick, Vulnerary,

Cosmerick, Splenerick, Hepatick, and Arthriticck: It is good against Feavers, dissolves congealed Blood, and is a strong provoker of Urine and Sweat: It helps Coughs, shortness of Breath, the Strangury and Dropsie; it is Emmenagogick, and Pectoral, and is of great force in curing the Gout: The Essence is effectual in all the aforesaid purposes, and being mixed with Honey, and a drop at a time being put into the Eyes, it takes away any dimness, as also the Pin and Web. Note that *Teucrium* is Shrub-Germander.

150. *Chameiris*, *Χαμαιρις*, Dwarf-flower-deluce; hot and dry in 20. It purgeth Choler, and watery humors, dries, attenuates, and is in a sort Pectoral: Outwardly an Oyl made of the Flowers and Roots, ana, strengthens the Sinews and Joynts, and helps Cramps and Convulsions.

151. *Chamemelum*, *Chanomilla*, *Anthemis*, *Lucanthemum odoratum*, *Χανωμιλλον*, Chamomil; hot and dry in 20. It is of very thin parts, Emollient, Aperient, Lypintick, Discussive, Carminative, Anodyne, and Hypnotick. It provokes Urine, and in Glysters helps the Colick and Stone: The Essence expels the dead Child, and Terms obstructed, if mixed with Rheasish-wine and taken; so it warms a cold Stomach, takes away sower belchings, expels flegm, and cures Agues: the Oyl of the Flowers mollifieth and helps weariness, cold and hard swellings, allaches, bruises, cramps, shrinking of the Sinews, &c. Where note, That if the Oyl be distilled with Turpentine, it will look blew, that is not the best, but what comes

comes from the thing alone : the external Oyl is made by infusion in Oyl Olive.

152. *Chameleon niger*, *Xauai-las*, Chameleon Thistle ; hot and dry in 40. inwardly it is poysonous ; outwardly it is Cosmetick, and takes away Scabs, Tetter, Ring-worms, and the like.

153. *Chamelea*, *Oleago*, *Oleostellus*, *Xauelais*, Widow-vail, (the Fruit is called *Cocens*, *Cnidius*) hot and dry in 40. it is, of thin parts and burning. & *Chamelea* 3j. *Absinthii* 3ij. *Rob de barberis* q.v. *fiant pilule*. These Pills being taken in 3/3. purge flegm, and watery humors, and help the Drop sic. The Essence mixed with honey, purges ; and outwardly it cleanses filthy Ulcers, and is Cosmetick. It heats the stomach (if not corrected) and destroys the *Fetus*.

154. *Chamemorus*, *vaccinio nobis*, *Xauai opor*, Knot, or cloud berry bush : cold and dry in 10. The Fruit is an *Antiscorbutick*, and very astringent ; it quencherh thirst, cools the Stomach, and helps inflammation of the Liver, being eaten raw as other fruit : The *Norwegians* make a *Rob* of the Berries, by boyling of them to an indifferent consistency, without adding any liquor thereto, they being full of juyce, which is kept in Gally pots for the uses aforesaid ; as also to expel putrid and melancholy humors and diseases.

155. *Chamepitys*, *Iva Arbritica*, *moschata*, *Ibica*, *Xauai-pitu*, Ground-pine ; hot in 20. dry in 30. An Essence made of the herb and taken for 30 or 40 days together, opens all obstructions of the Li-

ver, Spleen, Gall, Reins and Bladder, helps the Jaundice, Drop sic, Sciatica and Gout, provokes the Terms, expels Wind, and helps the biting of any venomous Beast : it is Vulnerary, Traumatick, Alexipharmick, Sudorifick, Diuretick, and Emmenonagock : It expels the dead child, and cleanseth the intrails of their filthiness. It is the Antidote against *Aconitum*. See our *Dor. Med. lib. 1. chap. 1. sect. 25.*

156. *Chamelalus*, *malus syvestris*, *Ayroullee*, Crab tree ; cold and moist in 20. Their juyce or Verjuyce, helps burnings, and Scaldings, and all Inflammations ; and if presently applied, hinders blistering ; so also the bruised or rotten Apple : the juyce is astringent, a sterfise ; and mixt with Bear yeast, it is a remedy against the Erysipela's, Inflammations, all Scabbiness, and other breakings out : it is good to comfort a hot and fainting stomach, and takes away vomiting. The inner bark of the Tree boiled with Alom, dyeth a yellow colour.

157. *Chelidonium majus*, *Hirundinaria*, *Xauai-deior*, Celandine ; hot and dry in 30. of extraordinary thin parts : it cleanseth, attenuates, is Aperient, Diuretick, Alexipharmick, Pectoral, Hepatick, and Splenetick, it purgeth Choler by Stool and Urine, cures the Jaundice, quickens the sight, kills worms, and heals green Wounds : the yellow juyce taken from the broken stalk being put into the Eyes, cures the weakness of the sight, helps inflammations, and watering of them, takes away

away the Pin and Web, and heals Ulcers there. The Essence hereof preserves from old age, or makes age look youthful.

158. *Chelidonium minus*, *Scrophularia minor*, *Σελιδόνιον μικρόν*, small Celandine, or Pilewort, hot and dry in 3°. It is more biting than the former, and near to Crowfoot; it blisters the skin, and draws off corrupt nails: it opens obstructions of the Viscera, cures the Scurvy, Jaundice, Hemorrhoids, and Kings Evil: outwardly in the Piles it is an incomparable thing: the Root is milder; See Chap. 1. Sect. 40.

159. *Chondrilla*, Gum-Succory, cold and dry in 2°. The juyce is Cosmetick, the Gum is used instead of Mastich; which if it be powdred and mixed with Myrrh, and made into a pessary, it brings down the Terms.

160. *China radix*, *Lampatan*, *Chophchina*, the Root China; *Beguinus* saith, That the Essence thereof provokes sweat in the French Pox, Gouts, Catarrhs, Asthma and Palsie; dose from ʒiij. to ʒvj. See Chap. 1. Sect. 41.

161. *Cicer*, *Erebinthus*, *Επερίνθου*, Chickes, or Chick pease: hot and dry in 1°. they are of the nature of the Bean, but much stronger, provoking lust, and generating sperm: their Pulp wasts the stone, provokes Urine, and helps the Yellow Jaundice: the Meal is of use in Pultices.

162. *Cichoreum*, *Σικκωρύς*, Succory; cold and dry in 2°. It is called also *Solsequium*, *Cariola*, & *Ambubria*; it is an excellent Hep-tick, opening, cleansing, Diuretick and Vulnerary: It cools hot Livers, and takes away sharpness of U-

rine, comforting and cooling a weak and hot Stomach. See the Flowers, Chap. 5.

163. *Cicuta*, *Κόκκος*, Hemlock; cold in 4°. dry in 3°. The Essence of the juyce may be used inwardly in all cases where Opium and Henbane take place. Outwardly it is strongly repercussive, and the juyce is used in Collyries for the Eyes, to ease pain: It helps the Phageden, St. Antonies Fire, and all Inflammations: It abates lust, swellings and inflammations of the Spleen; repels Milk, abates the swellings in Womens Breasts, and powerfully easeth all pains of the Gout, and in this last case you may apply a Cataplasm of the roasted Roots.

164. *Cinera*, *Scolymus*, *Κάστος*, *Κυδών*, Artichoke; hot and dry in 1°. The buds eaten provoke Urine and Lust: The heads or flowers as they are vulgarly boiled and eaten, strengthen much, and are good food.

165. *Cistus*, *Rosa sylvatica*, & *canina*, *Κισσός*, & *Κισσός*, Holly-rose; Temperate and dry in 2°. It is Segnotick, Vulnerary and Stomatick. It glutinates green wounds, stops fluxes of all sorts, and the overflowing of moist humors: in a Cataplasm it heals Phagedens, corrupt Ulcers, burnings, scaldings, &c.

166. *Citrullus*, *Anguria*, *Αγγύριον*, Citrils (a kind of Cucumber) cold and moist in 2°. from this is taken one of the great cold seeds; they are opening, cleansing and diuretick; they allay sharpness and heat of the Reins, Bladder and Blood. They quench thirst in Agues, and temper the Sharp-

sharpness of Choler.

167. *Citrus, malus medica, malus Assyria, Cidromela, malus Citria*, *Μινάρα Μυδική* Citron-tree. It is called the Median, or Assyrian fruit, being first in Persia, then in Italy, and from thence to Spain, where now there are whole Woods and Fields of them. See the Fruit, Chap. 6.

168. *Clematis, vinca peruviana, Chamedaphne Plinii, Κλάδοι Αιόρα* Periwinkle, hot and dry in 2°. It is Segnorick and Vulnerary, stops the Bloody Flux, and all other Lasks, spitting of Blood, and the inordinate Flux of the Menfes: outwardly it is good in a Hemorrhage, looseness of teeth and tooth-ach.

169. *Cochlearia* (unknown to the Greeks) Sourvy-grass, or Spoonwort; hot and dry in 3°. of the tast, nature and quality of the Garden-Cresses. The Essence of Sourvy-grass cures the Scurvy, Dropsie, jaundice, and Hypochondriack Melancholy; opens obstructions of the Liver, Spleen, and Gall; evacuateth cold, clammy, flegmatick, and melancholy humors: It is Diuretick, Diaphoretick, and a resister of Putrefaction: the bruised herb laid to spots and blemishes of the skin, takes them away in about six hours space; after which wash the part with warm wheat-bran-water. The juyce helps Ulcers of the Mouth, and cleanses rotten Gums.

170. *Cocus, Nux Indica*, Indian Nut; temperate: the branches of the tree, being cut in the Evening, send out water which is pleasant to drink, out of which is drawn a strong *Aqua vite*, helpful

almost against all manner of Diseases. The Milk of the Nut serves for Drink, and cools and refreshes the Spirits; the Nut serves for Food, out of which you may press an Oyl, excellent both for Mear and Medicine; with which anointing feeble Limbs, it will help their weakness and Pains; of the Branches of the Tree the Indians build houses, of the trunk or body thereof their Ships; of the bark on the outside, their Cables; of the finest stuff, Sails for their Ships; and of the Nut-shells, they make Cups to drink in. The Nut is restorative, pectoral, and increaseth feed, expels Poyson, and resists Pestilential Diseases, as also the Palsie, Epilepsie, Colick, &c.

171. *Cocculus Indi, Nux vomica* (as some suppose) Vomiting Nut; cold in 4°. It is Poysonous and Narcotick, causing deadly sleep: It is not to be given inwardly, but in other Compositions; the Powder given with flesh to Fowls, doth presently stupifie if not kill them: yet gr. iij. or iiij. are sometimes given inwardly to provoke sweat, and expel Pestilential Vapors from the Heart.

172. *Colchicum*. Meadow-Saffron (a kind of *Hernodact*) hot and dry in 3°. It is of the nature of the *Hernodact*, hurts the Stomach, and the Roots being eaten, choak like Mushrooms. See our Dor. Med. Lib. 1. Cap. 3. Sect. 25.

173. *Colocynthis, Coloquintida*, *Κολοκύνθη*, Wild Gourd: Authors make *Colocynthis* and *Coloquintida* to be two things; the first to be the

the wild Gourd, the other to be the wild Citrul. See the Fruits or Apples, chap. 6.

174. *Consolida Regalis*, *Flos Regius*, *Flos Calcavis*, *Bucinum Calcatrippa*, Larks-spur, temperate: the Seed is good against the stinging of Scorpions: *Crolius* saith, That the Flowers eaten help stitches in the side: the herb is Vulnerary.

171. *Coniza*, *Koiz*, Fleabane; hot and dry in 3°. It opens obstructions, is Diuretick and Anodyne; it helps the Jaundice, Falling-sickness, Green-sickness, provokes the Terms, helps Fits of the Mother, bitings of venomous Creatures, Strangury, and Colick. The smoak of the burned Herb drives away flies, gnats, fleas, and venomous beasts.

178. *Contrayerva*, *Radix Draena*, *Αλεξισφαγικα*, the Bezoartick, or Counter poison; it is like Orris or Cyprus roots, and is brought from Peru. See the Vertues, chap. 1. sect. 48.

177. *Convulvulus*, *volubilis*, *Σουλιαξ*, Bindweed, hot and dry in 30. It opens obstructions, dissolves, wasts hard swellings, and evacuates flegmatick and watery humours, and therefore is exceeding good in Dropsies, and Cachectick bodies, who have old running sores upon them: it troubles the Stomach, and therefore ought to be corrected with Cinnamon, Ginger, Mastick, &c.

178. *Cophy*, Coffee, Temperate, and dry in 2°. It dries up crudities of the Stomach, and comforts the Brain, by suppressing Fumes; and is good for such as have the Kings-Evil, or running Sores about them. The grains

or berries are brought from Arabia, and are generally drunk through all the Turkish Dominions, and now also in London, and many other parts of England.

179. *Corallium*, Coral (chiefly the red) cold and dry in 10. It is a Shrub growing on Rocks in the Sea, found in India and Siena; *Pliny* writes; now in the Tyrrhene and Siculean Seas. It refrigerates, binds, and strengthens the heart, Stomach and Liver, purifies the mass of blood, resists plague, poison, and all malignant Feavers, cures all Fluxes, as Diarrhea, Dysentery, Lientery, Gonorrhoea, Terms, Whites in Women, and spitting of blood: it makes men lightfom, cheerful, and merry-hearted; and being given to newborn Children gr. x. finely powdered (before they take any thing else) in a little of the Mothers Milk, it prevents their ever having the Falling-sickness, or Convulsions: outwardly it is Vulnerary, and fills Ulcers with flesh. *Paracelsus* makes an Amulet of it against fears, fright, melancholy, epilepsy, enchantments and witchcraft. See the Magistery of Coral in our *Dor. Med. lib. 2. cap. 81. sect. 24.*

180. *Corallina*, Coraline, or Sea-moss. It grows to Rocks, Fish-shells and Coral, as Moss doth to trees; but the best grows on Coral, and that is reddish, salt in taste and smell like Fish-shells, cold and dry in 10. It kills worms, birds and strengthens, and is very profitable in hot Gouts: dose ʒi.

181. *Cortanarum*, *Cortanum*, *Coliandrum*, Κόριον, Coriander, cold and dry in 1°. (the Seed is hot) the green Leaves are very hurtful to the Body : Outwardly boiled with Crumbs of Bread, or Barley-meal, they allay all hot swellings and inflammations ; and with Bean meal dissolve the Kings evil, Wens and hard lumps : the Juice of the leaves mixt with Cerase, Licharge of Silver, Vinegar and oyl of Roses, help St. Anthony's fire, and all Inflammations ; 3ss of the juice of the green leaves taken at once will poison : the Antidote is Celandine or Swallow-wort. See Chap. 7. for the Seed.

182. *Coronopus*, *Cornu cervinum*, *Herba Stella*, *Harenari*, Κορνύον, Buckhorn, cold and dry in 2°. It is of the nature of common Plantain, binding and strengthening : The Essence drunk help sore Eyes, and is Vulnerary, and the leaves and roots stamped with bay-salt, and applied to the wrists, help the fits of agues.

183. *Cornus*, Κορνία Cornel-tree, it is male and female ; the female is wild, and is called *Virga sanguinea* ; cold in 1°. and dry in 2°. The leaves are drying and binding, and heal green wounds in hard Bodies. See the fruit, Chap. 6.

184. *Costus Indicus*, Κόστος, Costus, hot and dry in 3°. The true Costus in shops is a bark which is ash-coloured without, and white within ; chuse that which is not rotten, but is thick, fresh, bitterish tasted and sweet scented : It is Stomachical, Hepatick, Uterine, and Nephritick, it opens obstructions, dissolveth, is emmenagogueick and diuretic ;

it helps the Colick, Dropsie, Palsie, and Convulsions ; it kills worms, expels wind, helps the biting of Vipers, is Alexipharmick, and provokes Venery.

185. *Cotula* & *cotula fetida*, Κουράδευς, May-weed, common and stinking : both hot and dry in 10. the first agrees not with many Bodies, but helps the Mother, and causes Blisters ; in a Cataplasim it helps the hardness of Aposthumes ; the juice causeth vomiting, but is often used with success in those cases wherein Chamomil is commended. *Cotula fetida* helps fits of the Mother, causes sweat, helps cold aches, the Dropsie, Jaundice, Stone, obstructions of Liver and Spleen, Colick, expels wind, dissolves tumors, and eases pains in the joints.

186. *Cotyledon*, *Umbilicus venenis*, *Acetabulum*, Κολυμβάριον, Navil wort, or penny-wort ; cold and moist in 10. It cools, repels, cleanses and wafts, helps inflammations, hot tumours, Erysipelas or St. Anthony's fire, the Sea-penny-wort called *Andrasaca*, is hot and dry in 20. diuretick, purging away slime by Urine, and is very beneficial in Dropsie and Gout : dose ʒij. in Wine : The Essence prevails against the Sciatica and Kings-evil.

187. *Cottonaria*, *Gnaphalion*, *Centunculus*, Γναφάλιον, Cudweed, or Cottonweed ; cold and dry in 10. the herb boiled in a strong *lixivium*, cleanseth the hair from Nits and Lice : boiled in Wine and drank, it kills Worms, and helps the biting of venomous Creatures : it is pectoral and cleansing.

188. *Crassula, Telephium, Fabaria, Scrophularia Media*, Τ-λεφιον ἢ ἀε-λον ἄγειον, Orpin, cold and dry in 2°. It is astringent, vulnerary and absterfivè, it helps Erosions of the Bowels, Bloody flux, burnings and inward Ulcers. See our Dor. Med. lib. 1. chap. 1. Sect. 36.

189. *Crateogonum, Triticum Vaccinum*, Κραταγόρυον, Cow-wheat, hot and dry in 2°. the seed is full of hot fumes, and troubles the head, as Darnel doth, causing headach, drunkenness, and excites Venery, and causeth conception being drank twice a day for a week together.

190. *Cristagalli, Alektorolophos*, Coxcomb, cold and dry in 1°. being boiled with honey and beans, it helps Coughs: the juice dropped into the eyes, helps dimness; the whole seed put into the Eyes takes away Films.

191. *Cribbium, Κρίθμυρ*, Samphire; hot and dry in 2°. It strengthens the Stomach, warming of it and cleansing it: it provokes Urine and the Terms, breaks the Stone, expels the Gravel, helps the Jaundice, and opens obstructions of the Liver and Spleen: It is ordinarily eaten pickled.

192. *Crocus, Crocum, Zahafran, Κρινος*, Saffron; hot in 2°. dry in 1°. It is a bulbous Plant, having a Purple flower, in the middle of which are those flame-coloured threads which are the Saffron: the English now is the best; chuse the flexible with some white threads: the too high red coloured is not good, for it is sophisticated with flowers of *Carthamus*, or Bastard-saffron. See the flowers Chap. 5.

193. *Cruciata crucialis*, Φύ-ει-νο, Cross-wort; it is dry and binding, traumatick, vulnerary and pectoral; it opens obstructions of the Meferaick veins, and causeth Appetite; it is Alexipharmick, and good in those cases where *Gentian* is used.

194. *Cubeba, Κουβέβα*. Cubebes, hot and dry in 3°. They are small Aromatick berries which come from Java, like pepper, only a little less: they are boiled before they are sold, lest others should sow them: but what they are is doubtful: some think them the fruit of *Ruscus*, as *Sylvaticus*; some the *Carpestum* of Galen; some think them a sort of Pepper: *Cesalpinus* saith, They are the fruit of *Amomi*; others, That they are the seeds of *Agnus Castus*; but they are from a Tree like the common Apple-tree. See chap. 6.

195. *Cucumis hortensis & sylvestris*, Σίξο, Cucumbers garden and wild: the first are cold and moist in 2°. the wild is called *Aspinus cucumis*, & *Anguinus*; hot and dry in 2°. Out of which is made *Elatorium*. See the fruit in chap. 6. as also our Dor. Med. lib. 1. chap. 3. sect. 6. 49.

196. *Cucurbita, Colocynthis Sativa & sylvestris*, Κολοκύνθη & ποδάρκος, Gourd, Garden and Wild, the virtues of the first are the same with the Garden *Cucumber*, which see chap. 6. *Mathiolus* saith, that the leaves laid to Womens Breasts diminish Milk: the wild is the bitter Gourd, from whence comes the purging Apple called *Coloquintida*. See Sect. 137. foregoing.

197. *Cuminum, Cyminum, Κόμιν*

vor; Cumin, hot and dry in 30.
See the Seed, chap. 7.

198. *Cypressus*, Κυπρίσος, Cypress-tree; hot in 1°. dry in 30. The fruits or Nuts are called *Galbuli*. It is a tall tree bearing berries, with leaves like the Pine, alwaies green; the Wood see in Chap. 3. Sect. 17. The leaves and fruit heat a little, but dry excessively, bind strongly, and are used in spitting of Blood, Diarrhoea's, Dysenteria's and Diabetes; and also in Ruptures both inwardly and outwardly; they heal old Ulcers, the Polypus, Carbuncles and Phagedens.

199. *Curcuma*, *Crocus Indicus*, *Cyperus Indicus*, Κυπρίσος Ἰνδικός, Turmeric; hot and dry in 2°. The Root comes to us from beyond sea, it is of a saffron-colour which stains; the round is strongest and best. See the Root in Chap. 1. Sect. 50.

200. *Cuscuta*, *Cassutha*, *Cassita* *Plinii*, Κεωύδο, Dodder. It's manifold according to the thing it grows on. It is hot in 1°. dry in 2°. It opens obstructions of Liver, Spleen, is cleansing, subastringent, purges melancholy, and is good against Scabs, Leprosie, and black Jaundice.

231. *Cyanus, flos framenti*, Κύαρος, Blew-bottle, or Corn-flower, cold and dry in 2°. the powder of the dried leaves, or rather the Essence thereof, being taken in Rhenish, or Canary wine, helps inward bruises, broken Veins, resists poyson and infection, and cools the heat of Feavers. See the flowers, chap. 5.

202. *Cyclamen*, *Cyclaminus*, *Arthanita*, Κυκλάμινος ἡ ἀνθή πορ, Sow-bread; hot and dry in 3°.

The juice of the Leaves (or rather their Essence) mixt with honey, and put into the eyes, takes away the Pin and Web, Pearls, and all defects of the sight: the leaves put into the Matrix cause easie delivery to women in Travail: the said Essence of it self, or in a Balsam, wasts knots, hard tumors, and swellings of the Kings Evil; and purgeth the Belly of Water, being anointed thereupon: the Essence made into balls with powder of Scammony, purges the head by the Nostrils, if little rouls be made of it, and put up into them: made into a Pessary, it destroys the Fœtus. It is a very great Cosmetick, and is good for kibed heels, members out of joint, and the Gout; so also the root being roasted and applied: the Root stamped and made into Troches and taken, is reported to cause Amity and Love, but are dangerous for Women with Child: the distilled water drunk ʒvj. at a time, opens obstructions of Liver and Spleen, helps the Dropsy, Colick and sore Mouths: the Antidote is powder of Bay-berries, white Pepper and Rue: the juice drunk in Wine intoxicateth: See the root, chap. 1. Sect. 13.

103. *Cyperus, Fucus quadratus*, Κύπερος, Galingal grass, or herb Cypress; hot and dry in 20. This is not the true Galingal, but a bastard kind, or female Southernwood: the root is chiefly in use, See it, chap. 1. Sect. 53.

104. *Cytisus, trifolium arborescens*, Shrub or Milk-Trefoil, temperate: it cools and digests like as Mallows: the Essence helps the Sciatica, Gout, and other

swellings in the beginning, and provokes Urine.

205. *Cyparissus seu Chamæcyparissus*, Lavender-Cotten, hot and dry in 3°. the powder thereof drunk in Canary expels poison, and is good against the biting of all venomous Beasts, kills worms, and expels them, more effectually than Wormseed.

206. *Cynoglossum, Lingua Canis*, Κυνόγλωσσον, Hounds Tongue, cold and dry in 2°. The Essence of the herb heals wounds, deep Ulcers, Fistula's, Erysipelas, Burnings, Scaldings, and biting of mad Dogs: drunk with *Oxymel of Squills* and *Syrup of Roses*, it is helpful in the French Pox; it stops Catarrhs, Gonorrhœa's, Fluxes and spitting of Blood.

207. *Cydonia Malus, Malus Cotonea*, Κυδωνία μάλια, Quince-tree (the fruit *Cydonium*) See it in Chap. 6.

208. *Cynorrhodon, Cinosbates, Rosa sylvestris & Canina*, Ρόσα sylvestris, or Κυνόρροδο, Eglantine, wild or Canker rose, wild Bryar-bush: See the Flowers and fruit, Chap. 5. and 6. The Spungy Balls are good to break the Stone: but more especially the Stone and Worms therein, being powdred and given in Rhenish Wine: the said powder also is good against the Colick, and kills Worms: the root laid to a place where splinters or Thorns are, draws them out.

209. *Cynorchis, Testiculis; canis & caninus*, Κυνόρχις, Dogstones; hot and moist in 1°. they have all the Virtues of Saurion. See the Root, Chap. 1. Sect. 124.

210. *Daucus, Pastinaca Sylvestris*, Δάυκος, Wild Carrots; hot & dry in 2°. the herb here intend-

ed is *Daucus Creticus*, which has the properties of Parsley, the Root and seed are chiefly used. See the Root, Ch. 1. Sect. 54. The seed, Ch. 6.

211. *Dens Caninus, Dentalia*, Dogs tooth; hot and dry in 3°. It is windy, yet helps the Colick, kills Worms, strengthens and nourishes the body, and helps the Epilepsie: the Root by some is thought to be more venomous than the Saurions.

212. *Dentaria, Dentillaria, coralioides*, Coral-wort; It is Nephritic, Diuretick and Vulnerary; It helps all inward Ruptures and Wounds, even those that have entred the Cavity of the Breast: provokes Urine, and expels Gravel, and helps pains of the Sides and Bowels, as Stitches, Colick, &c.

213. *Distamnium, Diptamus albus*, Δίσταμνον, Ditany, hot and dry in 3°. some call this *Fraxinella*, but that is a mistake, for *Distanella* is *Pseudo-distamnium* or *Fraxinus Creticus*. It is cephalick, Pectoral, nephritic and uterine, diuretick, carminative, Emmenagogue, lithonriptick, and alexipharmick, It cures Headach, Epilepsie, Stone, Gravel, Colick, Suffocation of the Womb, Stoppage of the Ternus, Astma's, shortness of breath, strangury, and Wounds made by poisoned Weapons: it draws out splinters and thorns, cures the stinging of Serpents, and expels the dead Child and Secundine: the juice with Womens milk helps pains in the Ears.

214. *Distamnium Creticus*, Ψευδο-δίσταμνον, Bastard Ditany, or Ditany of Creet, hot and dry in 2°. It has the Virtues of the former

mer (but not altogether so powerful) and is especially dedicated to the Womb; it provokes the Terms, and causes easie delivery: it is Alexipharmick, and powerful in curing wounds made with poysoned Weapons; it is Pectoral, and helps Dropfies and swoln Spleens. See Chap. 1. Sect. 56. and our Dor. Med. lib. 1. Chap. 1. Sect. 83.

215. *Digitalis*, *Alisma*, *Θερανία*, Fox-Glove, hot and dry in 2°. It is bitter, cleansing, opening, cutting and attenuating: It expectorates thick flegm, if drunk with Mead, takes away obstructions of the Liver and Spleen, is an extraordinary good wound-herb, prevalent against the Kings-evil, and may be used instead of Gentian. Two handfuls of the herb taken with Polypody ꝑiv. help the Epilepsie.

216. *Dispacus*, *Carduus fullo-nium*, *Labrum Veneris*, *Δι-λαν-Θ*, Teasel or Fulers thistle; cold in 1°. dry in 2°. It is cleansing and vulnerary: the Root made into a Salve helps chaps and fissures of the fundament: the Essence of the Leaves helps deafness, and heals Ulcers of the mouth. The root (*Mathiolum* saith) hung about the neck cures Quartans: the Worms mixt with *Ol. Rosarum* helps Fellons, or Whitlows.

217. *Doronicum*, *Amyrnonen*, *Ἀντίον των Σαλιαρχίς*, Leopards bane, or Roman wolfs-bane: a kind of *Thora*; hot and dry in 3°. It is Cephalick, Cardiack and Uterine: it discusses Wind, is Alexipharmick, helps the Megrim, Vertigo, Epilepsie, palpitation of the heart, and poysonous diseases. *Schroder* says it has the Signature of *Scorpio*.

218. *Draco arbor*, Dragon-tree: the Gum is called *Κιννδγαίς*, *Sanguis Draconis*, Dragons blood: cold in 2°. dry in 3°. See the Gum.

219. *Draco herba*, *Tragum Vul-gare*, *Dracunculus hortensis*, *Τε-γυδν*, Taragon: hot and dry in 3°. It is used chiefly in Sallers, and eaten with Lettice, Purslain, and other cold herbs; chewed, it expectorates Flegm, and helps the tooth-ach: It cuts, digests, and opens obstructions, provokes urine and the terms, expels wind, stone and Gravel, is Alexipharmick, and an enemy to the Plague and other malign Diseases.

220. *Dryopteris*, *Δρυόπτερις*, Oak-fern; hot and dry in 1°. It is good to dry and heal Sores, and is Pectoral.

221. *Ebenus*, Ebony; it is an Exotick Wood, not commonly used: See it in Chap. 3. Sect. 8. It is hot, extersive, and of thin parts, it is sometimes used in collyries, stops fluxions, as *Diascorides* saith.

222. *Ebulus*, *Chamaeale*, *Χαμα-δύλν*, Dane-wort, or Dwarf Elder, hot and dry in 3°. It is emollient, discutient, sudorifick, diuretick, and anodyne: An Essence of the Leaves is prevalent against both Dropfie and Gout, being used both inwardly and outwardly. See the Bark, Chap. 2. Sect. 9. and the berries Chap. 6. A Balsam of the Juice, mixt with Barly-meal and applied, helps the gout, burnings, scalding, and biting of mad Dogs. The Essence aforesaid is excellent against the *Sciatica*, Agues, obstructions of the Spleen, Stone, Shingles, Scurvy. It kills Worms, helps dry Coughs, Quinsies Asth-

ma's, Kings-Evil and French Pox : as an Errhine it purgeth the brain, and dropt into the ears it helps their pain ; This following is excellent for the hip-gout, R. *Seminum Ebuli*, *Tarpethi*, *Hermodactyli*, *Sene*, *Tartari albi ana ʒi*. *Cinnamon ʒij*. make all into fine powder for four doses. The Balsam is good against Cramps and shrinking of the Sinews.

223. *Echium*, Vipers Bugloss, of the temperature of Bugloss. Root, leaves and seed drunk in wine (i. e. Canary) helps the biting of venomous beasts, and encreases milk in womens breasts : The Essence is a great Alexipharmick, exhilarates the heart, and strengthens the back.

224. *Elleborus albus*, *Veratrum album*. ΕΜΒΟΡΟΣ, White hellebore, hot and dry in 3°. See the Root, chap. 1. sect. 61.

225. *Elleborus niger*, Black hellebor, hot and dry in 3°. See the Root, chap. 1. sect. 62. The Colledge orders this following Preparation of them. Steep the Roots (such as are brought to us, the woody pith being taken away) three days in a juice of Quinces by a moderate heat, then dry them for use.

226. *Eliochryson*, Golden Cudweed, cold and dry in 10. It cures, attenuates, helps the dysury, stinging of Serpents and Scitica : The juice or essence drunk in Rhenish wine or Canary, helps bruises, and dissolves congealed blood.

227. *Endivia*, *Seriola*, ΙΒΥΣΣΟΣ, Endive, cold and dry in 20. It is dedicated to the Liver, cleanses, opens, provokes urine, and cools the violent heat of Feavers, and has the same vertues with

Succory : See Sect. 162.

228. *Enulacampana*, *Helenium*, *Enula*, ΕΝΕΛΙΟΝ, Elecampane or Scabwort, hot and dry in 3°. It is an excellent Pectoral : See the Root, chap. 1. sect. 64. The Curious may make a sacula of it, as of that of Bryony, to be applied to every intention, dose thereof ʒj.

229. *Epilinum*, Dodder of Flax, hot and dry in 20. It opens obstructions in the Liver, Spleen, Gall, Reins and Bladder, and purges choler both by stool and urine.

230. *Epimedium*, *Epimetrum*, *Epipetron*, ΕΠΙΜΕΤΡΟΝ, Barren Wort, cold and moist in 10. applied as a Cataplasm, it keeps Womens Breasts from growing too great : both roots and leaves taken inwardly for some time causeth barrenness.

231. *Epithymum*, Dodder of time, hot and dry in 30. It is excellent good against all the infirmities of the Liver, Spleen and Gall : it is excellent in old headachs, Epilepsies or Madness, Melancholy, Quartans and the French disease ; it is Traumatick, and heals all old filthy ulcers and scabiness. See our Dor. Med. Lib. 1. Chap. 3. Sect. 32.

232. *Epiurtica*, Dodder of Nettles ; hot and dry in 20. It is good against Quartans, and the Jaundice, provokes Urine, and opens obstructions ; is Traumatick and Vulnerary.

233. *Equisetum*, *cauda equina*, *ΤΑΥΧΕΙ*, Horse-tail, cold in 10, dry in 20. It is Vulnerary, thickens, binds, stops bleeding, and consolidates green wounds, although the sinews be cut in sundry ;

der : it helps the diarrhoea and all other fluxes, and stops both reds and whites in Women ; it is pectoral, and helps ulcers in the reins and bladder.

234. *Erica, Tetralix Vertenum*, 'Ερείκη, Heath, Temperate. It is good against the stinging and biting of venomous beasts.

235. *Erucas, Eucromon*, 'Εὐκρωμον, Rocket, hot and dry in 3°. It is good in Sallers to be eaten with cold herbs : it strengthens the Stomach, provokes Urine, and strongly stirs up lust. for which it is chiefly used : It purges the brain of Flegm in an *Apopblegmatisim*, draws out splinters of bones, dissolves hard swellings and tumors, and is cosmetic.

236. *Eryngium*, 'Εὐγγύριον, Eryngo, or Sea-holly, Temperate, and dry in 1°. It is hepatick, nephritic, diuretick, emmenagogueick, and Alexipharmick : It opens obstructions of the Liver, Spleen and Gall, helps the Colick, Jaundice, Melancholy, Gravel and Stone, bitings of venomous Creatures, Cramps, Convulsions, Epilepsies, &c. the condited Roots cause Venery, and add moisture to withered old age.

237. *Erysimum*, Ερυσιμιν, Wild Mustard, hot and dry in 3°. It attenuates, cuts, opens, expectorates, provokes Urine and the Terms; it strengthens the stomach, is pectoral, and helps all diseases of the breast and lungs.

238. *Eryngium trifolium*, Trefoil Thistle ; it is of the temperature of Eryngo, opens obstructions of the Liver and Spleen, helps the Jaundice, Dropsie, Sciatica, French Disease, and Kings Evil. It is good against the bitings of

Serpents : the Juice or Essence dropt into the Ears, helps the Imposthumes thereof, cures melancholy and quartan agues : mixt with hogslard, and made into an unguent, it is Magnetical and Sarcotick.

239. *Esula, Pityusa*, the lesser or wild Spurge, hot and dry in 4°. the Root is chiefly in use, which see *Chap. 1. Stiff. 66.*

240. *Euphorbium*, Gumthistle, or Libyan Ferula, hot and dry in 4°. from whence comes the Gum *Euphorbinum*, which see in its place.

241. *Eusragia, Ocularia, Eusfrasia, Eupcasia*, 'Εὐφροσύνη, Eye-bright, hot in 1°. dry in 2°. It astringeth, discusseth, is sharp in taste, and cephalick : the Juice or Essence both inwardly and outwardly used, is good against Clouds, Mists, Pearls, suffusions in the Eyes, and loss of Memory.

242. *Faba, Κύαμος*, Beans, cold and dry in 1°. See the *Saed*, *chap. 7.* of the straw or stalks there is made a Salt, which is a great Diuretick, of great use in Dropsies, Stone and stoppage of Urine.

243. *Fagus, Oxya, Scissimo*, 'Οξύα καὶ παρυδί, Beech-tree, cold and dry in 1°. The leaves applied help swellings, blisters, and excoriations of the skin : The water contained in the hollowness is excellent against scurf, tetters, ringworms and scabs : of the Ashes they make Glafs, but are good against the Stone in the Reins, the water that comes out of the tree bored, heals tetters and sore mouths : the kernel of the

nut helps the gravel and stone in the kidneys.

244. *Fanſel, Arca*, drunken date-tree, cold and dry in 20. the fruit before ripe is stupeſactive, and therefore uſed in great pains and aches; it ſtrengthens the gums, ſaſtens looſe teeth, comforts the Stomach, ſtops vomiting, and looſens the belly.

245. *Febrifuga, Παρθέριο*, featherfew, hot in 30. dry in 20. It opens, attenuates, cuts, cleaſes, is Cephalick and Uterine: it helps diſeaſes of the Womb, provokes the Terms, and expells the dead child: It purgeth by Urine, ſometimes by Stool; ſtirſ up Venery, and expells Wind, Gravel and Stone: it is of great force in the megrim, vertigo, headach, ſuffocation of the Womb, and melancholy. Outwardly it takes away the heat of inflammations; and being applied with ſalt to the wiſts cures Agues. A Baſam made of the juice is a good Vulnerary.

246. *Ferula*, Fennel Giant, hot in 30. dry in 20. It is twofold, either *ferula ſagapentifera*, or *ferula Galbanifera*. The juice of the firſt purgeth groſs ſlegm and choſer, helps old and cold Diſeaſes, as Epilepſy, Apoplexies, Convulſions, Cramps, Palfies, ſhrinking of the Sinews, ſhortneſs of breath, Aſthma's, Coughs, Colds, and Pains of the *Pleura*. The Juice of the latter drank in Canary Wine with Myrrh, is an antidote againſt all Poiſon; the quantity of a Bean drunk in *Rheniſh* Wine, helps Women in travel; the ſeeds of both are of the like effect. See the Gums in their proper place.

247. *Festuca Italica*, Haver-

grafs, hot and dry in 10. the juice (mixt with barley-meal) dried, and when uſed, moiſtened with roſe-water and applied Plaiſterwiſe, helps the *Ægilops* or Fiſtula in the Eye, mollifies and diſperſeth Nodes, and aſſwageth ſwellings in the Joynts.

248. *Ficaria, Scrophularia major*, Figwort, (a kind of Pilewort,) hot and dry in 30. It conſumes Wens and hard knots, diſſolves congealed Blood, helps ſcabs and leproſie, takes away the virulency of corroding Ulcers, helps the Piles, Cancers and creeping ſores; is a great Coſmetick, and a good Specifick in the King's Evil.

249. *Ficus, Συκή*, Fig-tree: hot and dry in 10. The Leaves are ſharp, opening and vulnerary; they waſte the Kings Evil, and all Tumors, applied with the Roots of Marſhmallows; the milk is a great Coſmetick, and in a Cataplaſm with Barley-meal and Lard it helps Warts, the Gout and Piles: See the fruit, Chap. 6. *Ficus Indica*, Indian Figtree: The juice of the leaves helps old ulcers and burnings.

250. *Fili pendula, Oenanthe, Νερανθεον*, Dropwort, hot and dry in 30. It is aperient, abſterſive, ſegnorick, diſcuſſive, diuretick, cephalick, hepatick, pulmnick, and Alexipharmick. It expells the Stone, helps all pains in the bladder, preſerves from the falling ſickneſs, helps wind, and the cold affections of the Lungs, and expells the afterbirth. See the Root, Chap. 1. Sect. 70.

251. *Filix, Πιρίον και Βρίθγον*, Fern; male and female, hot and dry in 10. It opens, is Segnorick, Splenetick

Splenetic and Uterine: It kills long flat worms, drunk in mead with gr. x. of Scammony, and so it expels the dead child, and helps the obstructions of the Spleen: *Nymphaeopsis*, *Thlypteris*, female fern, it has the same operations with the former, and causes barrenness.

252. *Filix florida*, *Osmunda regalis*, Water-fern or Osmund Royal, hot and dry in 1°. the heart of the Root is good against wounds and bruises; so the leaves and tender sprigs they dissolve clotted blood, and being made into a Balsam, become an excellent good Vulnerary.

253. *Flammula*, *Ranunculus flammæus*, Spearwort hot and dry in 4°. It is in Nature and Vertue like to Crowfoot, being exulcerating and raising blisters: inwardly taken, it kills without Remedy, opens Imposthumes, and the juice of it mixt with oyl, helps Quartan Agues, pain of the Reins, Palsies, old Ulcers, Scabs, and the like: but some have given it inwardly, being prepared by steeping it in Vinegar for 2 or 3 days. See *Ranunculus* in our Dor. Med. Lib. 1. Chap. 1. Sect. 84.

254. *Flos Adonis*, *Flos Adonidis*, *Eranthemum*, *Ἑράνθιον*, Adonis flower, hot and dry in 2°. It is carminative, and a present help in the Colick, as *Bauhin* and *Perkinson* affirm.

255. *Flos solis*, *Corona solis*, Sun-flower; temperate: the buds before they are flowred, eaten as Artichokes with butter, vinegar, and pepper, are pleasant meat, good food, and provoke venery; so also the Buds with the upper-

most stalks, eaten with oyl, vinegar or pepper: The seed being ground and baked as Corn, make good bread.

256. *Flos Africannus*, French Marigold; it is of a poysonous nature.

257. *Feniculum*, *Marathrum*, *Μεράθρον*, Fennel: hot in 2°. dry in 1°. aperitive, abstersive, lyp-tintick, diuretick, carminative, discussive, cephalick, pectoral, stomachick, analeptick, and vulnerary. It encreases milk in womens breasts, helps the Dropsie, pain in the stomach, vomiting, stoppage of Urine, Stone, Spleen, Jaundice, Gout and Asthma, and makes fat Bodies lean; the essence helps the eyesight. See our Dor. Med. 1. 1. c. 1. sect. 38.

258. *Foenum Grecum*, *Carphos*, *siliqua Columelle*, *Τήλη*, Fenugreek; hot in 2°. dry in 1°. The juice or essence of the herb purgeth all corrupt and slimy humors in the Bowels, easeth pain, hardness of the Spleen, obstructions of the Womb, and Bloody flux; outwardly it helps all inflammations, and alleviates pains in raw and excoriated places, Imposthumes, Ulcers, &c. See the seed, chap. 7.

259. *Fragraria*, *Κήνεπον*, Strawberry; cold and moist in 1°. The leaves are Segnotick, Abstersive, and Diuretick; the juice or essence strengthens the Gums, fastens loose Teeth, heals Ulcers in the mouth, helps the Jaundice, and stops the Bloody flux and all other Fluxes of blood. See the Berries, chap. 6.

260. *Fraxinus*, *Ornus*, *Μαρία*, Ashtree (the seed *Lingua avis*) temperate and dry in 2°. The leaves

leaves are good against the stinging of Serpents, being applied and inwardly given (i. e. their juice or essence) in Rhenish wine they help pains and stitches in the side, oppilations of the Liver, Dropsy and Tympany. *See the Bark, chap. 2. sect. 12.* of which you may make an Extract with Vinegar. Of the Wood you may make an Oyl by distillation, and a Salt: the one is excellent for all manner of Pimples and breakings out, the other to cure wounds taken inwardly and outwardly, *see the seed, chap. 7. see our Med. Dor. lib. 1. chap. 1. Sect. 40.*

261. *Fumaria, Fumus Terre, Capnos Plini, Calchocrum, K^μυ^ς G.* Fumitory, cold and dry in 1°. It is Stomatick, Hepatick, Splenetick; is Lypointick, Aperitive and absterfive: It cleanses by Urine, opens obstructions of the Liver and Spleen, is eminently good against Hypochondriack melancholy, Quartan Agues, Scurvy, Jaundice, and most diseases of the Spleen and Mesentery: boiled in Whey it is a good diet for such as are scabbed, itchy, or have running sores, titters, and Ringworms, or the Leprosy, for it purifies the blood, and expels by stool and urine all hot, salt, pituitous and hurtful humors.

262. *Fumaria bulbosa, Bulbous, or Onion-Fumitory;* hot in 2°, dry in 3°. This is the plant which is most commonly used for *Aristolochia rotunda*: It is binding, cleansing and wasting, and of singular force against the Kings evil, 3j. of the Root purgeth *Agm. Schroder* saith, it subastrin-

ges, opens, is Epatick, Uterine, Alexipharmick, Sudorifick, Diuretick and Vulnerary: The use is to provoke the Terms, and chiefly the afterbirth (therefore called by some Birthwort) it expels the dead Child, cures the Jaundice, Scabs, Itch, cleanseth the blood, and is good in Ulcers and Fistulae; outwardly it cleanses and heals, helps the Gout, dissolves contusions and congealed blood.

263. *Fungus, Toadstool, (the Puffs, Lupi crepitus)* cold in 3°, moist in 1°. it is almost venomous, and of a cold and gross nutriment, eaten they endanger suffocation; but boiled in vinegar, salt, and wine, and eaten with Juice of Limons, Pepper and Oyl, they are pleasant for sauce; so also pickled: the *Tubera terre*, or Fussballs, are not to be eaten, their powder dries without biting, and is good to be strewed on running sores, galled places, and kided heels, but is prejudicial to the Eyes: they are of use to preserve fire. The Antidotes to *Fungus* are Rue, Wormwood, Garlick, Cresses, sowre Pears, Pepper, Mustard, Oxyemel, Mithridate.

264. *Fungus Sambucinus, Auricula Jude, Jews ears.* They are a Specifick in all inflammations and soreness of the throat, being boyled in Milk, or steeped in Beer, Vinegar, Wine, or other fit Liquor: boyled in Rhenish-wine, and the wine drunk, and they applied, help Deafness and other griefs.

265. *Fungus Cervinus, Tubera Cervina, Deers Mushroom, (so called, because Deer love it, for the strong scent it hath.)*

hath.) It is cold and moist in 20. yet good against poyson: the same cures fits of the mother.

266. *Galanga*, Γαλαγγα, True Galingale greater and less, hot and dry in 3°. See the Root, chap.

1. Sect. 72.

267. *Galega*, *Ruta Capraria*, Goats-rue, Temperate, and without taste. It is a famed Alexipharmick, resisting the Plague, and all manner of pestilential distempers: it brings out the Small pox and Measels, and helps the biting or stinging of venomous Creatures: It is a great Sudorifick, kills Worms, helps Cramps, Convulsions and Epilepsies (a spoonful of the Juice or Essence being given.) Outwardly it helps Inflammations, stinging of Wasps or Bees, Gangreens and the Colick.

268. *Galla Arbor*, *Placida Gaze*, Δεῦς ἀγριοῦ, Gall-tree. See the Fruit (called *Omphacitis*) chap. 6.

269. *Galiopsis*, *Urtica mortua* vel *inens*, *Lamium*, Γαλιόψις, Archangel or dead Nettle, hot and dry in 1°. It is of great force against all fluxes, the terms and whites in women, and strengthens the Womb; it softens hard Spleens, causes a good colour, and refreshes the vital Spirits: It draws out Splinters, and helps Wens, hard swellings and Struma.

270. *Gallium*, Γάλλιον καὶ γάλλιον καὶ γαλάσιον, Ladies Bedstraw, hot and dry in 3°. The herb is used for Rennet or Runnet to make Cheese with: It breaks the stone, stops blood, and heals inward wounds; in an hæmorrhage of the nose it is pre-

valent (the powder being blown up) as also in the Itch, malign Scabs, cancerated Breasts and Leprosie; it warms, easeth pain, and strengthens the Sinews, Arteries and Joints.

271. *Genista*, *Spartum*, Σπάρτον, Broom, hot and dry in 2°. It opens, attenuates, is abstergive, diuretick, hepatick, splenetick and nephretick; it expels the Stone, and purges by Vomit, Stool and Urine. It takes away Oppilations of Liver, Spleen, Mesentery and Reins; helps the Dropsie, Jaundice, Greensickness and Gout; 'Tis a great Traumatick and Vulnerary, and a Specifick in the Kings-evil: the Essence of the herb is proper for all the uses aforesaid; so is a Lye made of the Ashes of the stalks and branches. *Genista Rapum*, Broom-rape is profitable to the same uses; besides which, it helps Surfeits, the black Jaundice, and is Cosmetick. *Genistella*, Bastard Broom, hot and dry in 2°. but not so effectual as Broom: *Pseudo-spartum*, Spanish Bastard-broom, 3j. of the Seeds of Flowers taken in Mead, Purges and Vomits, helps the Sciatica and Quinsy.

272. *Genista*, *Spinosa*, *Scorpius Spinosus*, Σκόρπιον, furze-bush, hot and dry in 1°. The Seed helps the Stone and Flux; opens obstructions of Liver and Spleen, provokes Urine, expels Gravel out of the kidneys, and is profitable in the Jaundice.

273. *Gentiana*, Γεντιάνη, Gentian or Felwort, hot and dry in 3°. (I judge in 3°.) See the Root, chap.

1. Sect. 73.

274. *Gentianella*, Bastard Gentian, hot and dry in 2°. Of the same

same Vertues with the former, but scarcely so effectual. The Essence of either of them (or the juice) drunk in Rhenish-wine or Canary, helps Lameness, Agues, kills Worms, provokes the terms, heals Ulcers, and abates Inflammations in the Eyes. you may give the inspissate juice of either in intermitting feavers from 3ß. to ℥iij, two hours before the fit.

275. *Geranium*, *Geranium Columbinum*, *Grumalis*, *Rostrum Grunum*, γερῆ 10^v Cranes-bill, or doves-foot; temperate and dry in 1°. It is traumatick, vulnerary and astringent: it dissolves congealed blood, abates inflammations, glutinates, and stops blood. It heals chaps in the paps, discufses the Milk, strengthens, and heals Ulcers in the Lungs; the powder of it being taken ʒj. at a time in red wine first and last for 30 or 40 days together, it cures Ruptures; more especially if it be mixt with the powder of red snails: The essence is more effectual: applyed to the soles of the feet with salt and vinegar, it abates the heat of feavers.

276. *Geranium Robertianum*, Herb Robert, cold and dry in 1°. It is cleansing and binding, stops blood, and helps Ulcers of the Blood and Privities; and may be used in all the Cases where the former Cranes-bill is used. *Geranium Moschatum*, musked Cranes-bill; it grows in Gardens, and is commonly put into Nosegays, being of the tempera-
ture of the former, and having the same Vertues; besides which, it is excellent against Puffsicks, distempers of the Lungs, Con-

sumptions, and windiness of the Womb.

277. *Gerardi Herba*, *Πικρὸν οὐδὲ* Gout-wort, the temperature is scarcely known: it is Anodyne and Vulnerary: The Herb and Roots stamped and applyed to the place afflicted with the Gout easeth the pain, takes away the inflammation, and asswageth the swelling; the Essence is good against the Piles, and as *Lobel* and *Pina* say, is used for the same diseases as Danewort: but experience has confirmed it good for the cold Gout, *Sciatica* and joynt-aches: hence it appears it should be cold and dry.

278. *Gingidium*, Tooth-pick-chervil, hot and dry in 2°. It is Stomachical, Diuretick and Segnotick: it expels the stone, and cleanses the bladder: the quills serve for tooth-pickers.

279. *Gladiolus*, *Εἰσις*, Flag, hot and dry in 2°. The ordinary Flag is binding and strengthening. It stops Fluxes and the Courses; *Gladiolus Segetalis*, Corn-flag, of the temperature of the former; it is attractive, digestive and vulnerary, and of a subtil quality; it dissolves hard swellings, and draws out thorns and splinters out of the flesh: the Root made into a Cataplasm with wheat-meal, is good against the *Scrophula*.

280. *Glastrum*, *Guadum*, *Ἰσάτις*, Woad, temperate; without any sharpness: it takes away the hardness and obstruction of the Spleen, and is a good Vulnerary; Dyers use to dye their cloth with it.

281. *Glaux*, γλαυξ, Milk-tare, hot & dry in 2°. The Seed is like

to a Lentil, but not so astringent: it stops fluxes, encreaseth milk, and dries up the humidity of the Stomach: outwardly it helps inflammations.

292. *Glycyrrhiza, Liquiritia*, γλυκύριζα, Liquorice, hot and moist in 1°. See the Root, Chap. 1. Sect. 74.

283. *Gramen*, ἄγρως ἡ πόα, Grass; Temperate: the Essence of the Leaves serves to the same purposes for which the Root serves, See Chap. 1. Sect. 75. and our Dor. Med. lib. 1. cap. 1. Sect. 45.

284. *Gramen Leucanthemum*, ὀνόσμον Stitchwort; hot and dry in 2°. The juice or essence dropped into the Eyes, helps the dimness of sight; and films growing over the eyes: Inwardly used it is good against pains and stitches in the side; as also the Seed; and *Dioscorides* saith that if the Seed be taken 3℔. at a time in water, thrice a day for some days together by women, after their purgation, it causes the Conception of Males.

285. *Grana Paradisi*, καρδάμωμ or κάρδαμ, Grains of Paradise; hot and dry in 3°. These are the greater Cardamoms, which grow in Guinny, they help the Epilepsie, and expel Wind and Worms, See the Seed Chap. 7.

286. *Granata, Granata Malus, Malus Punica*, Ροδά κάρτα, Pomegranate Tree; See the Fruit, Chap. 6.

287. *Gratiola*, Hedge-Hysop, hot and dry in 2°. *Scroder* says, it seems to be a kind of lesser Centaury, called Helleborine, which has the same vertues with the *Gratiola*; it strongly purgeth wa-

terish, gross, slimy and chole-
rick humors; and it helps all Fea-
vers and Dropsies, and such like
Diseases proceeding of cold and
watry causes. The Leaves in
powder are given from ʒj. to ʒj.
in infusion to ʒij. It is correct-
ed with Cinnamon, Liquorice,
and Fennel-seeds. The extract
helps Quotidian and Tertian fea-
vers.

288. *Grossularia, Uva Crispa, Spinella*, ὀξυκόκκω, Gooseberry-bush: leaves cold and dry in 1°. being eaten raw in a Sallet, they pro-
voke Urine, and expel the stone.
See the Fruit, Chap. 6.

289. *Guajacum, Lignum San-
ctum, Indicum & Vita*, Pock-
wood; It is an Outlandish tall
tree, which is brought out of
India: It is either Cavernous or
not; the first is called *Guajacum*;
the other *Lignum vite*, but are
promiscuously used: What of it
is now in use, are the Bark (which
see, Chap. 2. Sect. 14.) Wood
(which see, Chap. 3. Sect. 9.) and
Gum, which see Chap. 8. The Wood
yields an Oyl by distillation, which
being rectified, is a specificke against
the French Pox, Epilepsie, and Tooth-
ach, besides which it expels the dead
Child: with the Oyl comes also a
spirit, good for the purposes aforesaid,
besides which it dissolves Pearl and
Coral, and the shells of Fishes; dose
from ʒ℔ to ʒj.

290. *Halimus, Portulaca marina*,
ἁλὶς ὀξυῖς Sea-Purslain; hot and
moist in 1°. The leaves and buds
boyled are good for food; so al-
so pickled, they serve for sallers
and sauce: externally the leaves
bruised and applied are good a-
gainst the Gout: the root in pow-
der drunk in Mead to ʒj. helps
Cramps

Cramps and the Colick, & encrease milk in womens breasts.

291. *Hedera*, Κίανος ἢ Κόρος, Ivy; hot and dry in 2°. An Essence made of the herb is prevalent against all manner of virulent sores, old ulcers, burnings, scaldings, obstructions of the Spleen and the Plague; and being used as an Errhine, it purgeth the Head, stops the running of the Ears, and heals Ulcers there. The leaves steeped 24 hours in water, comfort and refresh sore smarting and waterish eyes; see the fruit, chap. 6. and Gum, chap. 8.

292. *Hedera terrestris*, *Coronæ terre*, Χαμαίναςος, Alehoof, or Ground Ivy; hot and dry in 1°. It is aperitive, absterfive, vulnerary and pectoral: It opens obstructions in the Lungs, Gall, and Kidnies; it expectorates flegm, cures the Jaundice, dissolves the Stone, and helps the Colick. The Essence dropt into the Ears, helps the deafness and noise there; and drunk in fair water 6 or 7 days, it removes the Jaundice; and in 40 or 50 days the Sciatica: mixt with Essence of Celandine, Day-sies, and a little loaf-sugar and rose-water, and put into the eyes, it cools the inflammation, helps pin and web, spots, itch, smarting, and most other griefs, although almost blind: the Essence alone mixt with Honey and injected into the eye with a syringe, helps the pin and web very effectually: outwardly it heals all manner of green wounds and sores; and mixt with Verdigrease, it helps Fistulae and hollow Ulcers.

293. *Heliotropium*, *Scorpiurum*, Ἡλιότροπον, Turn-sole; hot and dry in 1°. It is Alexipharmick,

Antifebricitick, Nephritick, Lithon- triptick, and Arthritick: The Essence purgeth forth tough flegm, and cholerick humours, helps the stinging of Scorpions and biting of other venomous beasts, kills Worms, helps Feavers, and the Quartan, easeth pains, expels the Stone, provokes the Terms, and causeth easie delivery to women in travel. The herb serves to dye a purple colour either in cloath or meat: The Essence of small Turnsole, and the seed mixt with Essence of Hyssop and Cresses, and a little Salt-peter, is a powerful thing to expel Worms.

294. *Helleborus*, Wild white Hellebore; hot and dry in 2°. The root is chiefly used, but whether the root or leaf, it has the same virtues with the White Hellebore, which see, Chap. 1. Sect. 68. and Sect. 218. above. See our Dor. Med. Lib. 1. Chap. 3. Sect. 41.

295. *Hepatica*, *Liebern*, *Trifolium Nobile*, Δεσχίν, Liverwort, cold and dry in 1°. It is a great Hepatick and Antifebricitick; it helps the weakness of the Liver by cooling and strengthening of it; it strengthens the stomach, provokes Urine, and expels the stone; and is an excellent cure for the Yellow Jaundice, and the Rickets, for which it is a Specifick; it helps hot sharp Agues, cures Tertians, the Whites, and Gonorrhœa.

296. *Herba Doria*, *Herba Aurea*, Doria's wound-wort; hot and dry in 2°. It is of the same virtue with *Colidago*, and *Virga Aurea*; it expels waterish humors, provokes urine, expels poyson, is vulnerary, helps old Ulcers, and Womens Fluxes.

Fluxes. *Dodonæus* saith, its virtues are like those of *Saracens* *Confound*.

297. *Herba Nubilosa*, Cloud-herb; the *Indians* call it *Taughtli*, hot and dry ferè 4°. It warmeth and comforts the stomach, extenuates humors, and cleanseth the Reins of thick filthy matter; it provokes urine and the courses, forces away the dead child; it helps the Asthma, Wind in the Stomach, Cough; makes a sweet breath, stirs up lust, helps the head-ach, and cold fits of Agues: It consolidates broken veins, resists Poyson, and is good in the Plague and all pestilential diseases: if applied with honey it helps vomiting; and drunk for 9 or 10 days in the morning, it encreases milk, and helps Ulcers, Tetters, and the Megrin.

298. *Herba Paris*, Herb-True-love, or one Berry, cold and dry in 3°. The leaves help Green wounds, Old Ulcers, Plaguesores, fellons, and other hot tumors, as also tumors of the Privities, and sore Eyes: the Berries are an Antidote against Poyson, being taken half a spoonful in a morning fasting; they are traumatick and vulnerary, of which the following Antidote against Plague, Poyson, and the Venom Arsenick is made: *Releaves of true love*, No. 36. berries of the same No.

24. *Angelice hortensis & sylvestris*, *Aclepiadis*, *Valeriane hortensis*, *Polypodii*, *Rad. Altheæ*, *urtice* ana ʒiij. *Corticis Mexerei* ʒiij. macerate the Roots in vinegar, dry them, and make all into powder for use. Dose from ʒss. to ʒj.

299. *Herba Paralysis*, *Asperitæ*, Cowslip, temperate; an Essence

made of the herb or flowers, is excellent against pains of the Joints, the Gout, Sciatica, Palcy, Convulsions, Cramps, and all diseases of the Sinews; it helps the bloody Flux, and all other Lasks; it is Traumatick, Cephalick, Vulnerary and Cosmetick; the Conserve of the Flowers is good to the intentions aforesaid; the powder of the dried Roots taken in Ale, or Rhenish wine to ʒjss purgeth choler, flegm, and watery humours strongly by vomit.

300. *Hermodactylus*, *Hermodact*; hot and dry in 2°. the true Eastern *Hermodact* with a dry white Root, is called also *Cholichium*, being pleasant and sweet; it pargeth rough flegm from the joynts, and is a specifick in the Gout of hands or feet. See the Root, Chap. 1. Sect. 78.

301. *Herniaria*, *Herniola*, *Milegrana*, Rupture-wort; cold in 1°. dry in 2°. It is an excellent Vulnerary, dries, glucinates, and consolidates; the Essence or the Powder of it is a Specifick in the cure of Ruptures; it is also eminent against the dysury, ischury, and stone in the Reins and Bladder: It cures the Jaundice, opens obstructions of the Liver, expels choler and water, strengthens the stomach, helps stiches, catarrhs, and old ulcers; it kills worms, helps the Gonorrhœa, Dysenteria and other Fluxes.

302. *Hieracium*, *Accipitrina*, *Lampuca*, *Ἱερᾶκτον*, Hawkweed, cold and dry in 1°. The Essence or Juice of the yellow Hawkweed dropt into the eyes clears the sight; and made into a Cataplasm and applied, it helps such as are stung with Scorpions, al-

lays

lays the heat of the Stomach, and helps inflammations: the said Essence drank with Canary, or Rhenish Wine, is Stomachical, Diuretical and Alexipharmick: with Vinegar it helps the Dropsy, and with honey it is Pectoral; with Essence of Hyssop it cures Coughs, and with wild succory the Colick and Stone.

303. *Hipposegium, Equarium, Smyrnum, Apium Sylvestre, Alexander, or Horse parsley*; hot and dry in 3°. It is attenuating, cleansing, Vulnerary, Carminative, Diuretick, Lithonriptick, Emmenonagogick, and Pectoral, of the nature of Parsley: *Smyrnum Creticum*, Alexander of Crete; it has the same virtue.

304. *Hippoglossum, Bisslingua, Uvularia, Laurus Alexandrina, Ἰππόγλωσσον* Horse-tongue, hot in 2°, dry in 1°. It is Diuretick, Emmenonagogick, and Vulnerary: it helps the Strangury, brings forth both birth and after-birth, helps fits of the Mother, Ruptures and sore or ulcerated Mouths: dose of the powder ʒss or ʒvj.

305. *Hispidula, Pes Catæ, Eluropus*, Cats foot, hot and dry in 2°. It cures spitting of Blood and ulcerated Lungs; and has the virtues of *Auricula Maris*, Which see Sect. 74. and our Dor. Med. Lib. II. Chap. 1. sect. 16.

306. *Hordeum, Distichon, Polystichon, Keed*, Barly; cold and dry in 1°. It is absterfivè and drying, provokes Urine, and in Cataplasms with Hydromel and Figs, it ripens swellings, and helps inflammations; with Pitch, Rosin, or Pigeons Dung, it softens and maturates tumors; with Mellilot and Poppy seeds, it is Anodyne,

and easeth pains in the sides; with Linseed, Fenugreek and Rue, it helps the Colick; with Tar, Wax, Oyl, and Boys urine, it is effectual against the King's Evil: boyled with Myrtles, wild Pears, unripe bramble-berries and Pomgranate-peels, and drunk, stops all manner of fluxes: The Ale made of it boyled, to a salve, helps pains of the sinews and joints, and heals sores old or new, Or thus, Re strong Ale ℥ij. one Ox gall, Vinegar ℔i. Olybanum, Turpentine, ana ʒiſs. Honey ʒij. Rue in powder ʒj. gently boyled, and stir them into a Balsam. Zeopyrum, naked barly, it has the virtue of the former. *Hordeum Spuriū*, wall-barly, stamped and applied, it causes hair to grow.

307. *Horminum, Galitricum, Sclarea, Ὠμαίρον* Clary; hot and dry in 3°. It is Pectoral and Vulnerary; helps the weakness of the back caused by too much flowing of the Whites, especially if fryed with Eggs like a Tansey: the essence thereof taken inwardly and outwardly, cures all dimness of the sight, and other infirmities thereof; It also provokes Lust, warms the stomach, and scatters congealed blood: it is most commonly steeped in Wine and so drunk: the seed is of the same virtues: and being put whole into the eyes, clears them.

308. *Hyacinthus, Vaccinium, Lilium purpureum, Ἰακινθός* Jacinth; cold in 2°, dry in 1°. It cleanses and binds, provokes Urin, helps the venomous biting of the field-Spider, and effectually helps the bloody flux, & other lasks: The Essence given in wine helps the falling sickness, and jaundice. See the root and seed.

306. Hy-

309. *Hyoscyamus, Faba Suilla* (Sow-bean) *ῥοσὶδαμο*. Henbane; cold in 4^o. dry in 1^o. It is Emollient, Hypnotick, Narcoick, Arthritick, and Vulnerary. The Essence thereof cools all manner of inflammations, helps spitting of Blood, and such as cannot hold their Water, easeth the most violent pains of the Gout, swellings of the Privities, and tumors of Womens Breasts: use it with as much caution as Opium. See the Seed, Chap. 7.

310. *Hyoscyamus Luteus*, Yellow Henbane, or English Tobacco; The temperature is doubtful. It is used by some instead of Tobacco; it causeth spitting, giddiness and stupefaction of the senses: made to a Balsam it is very good against all manner of Tumors, wounds, Ulcers, and old sores: it searcheth inveterate Ulcers, Bitches, Fistula's, and the like; it heals green wounds of all sorts, especially in the Head; it is good against Gangrenes, and kills Lice: tis thus made. R. of the juyce of the green leaves lbij. Oyl Olives lbij. Turpentine lbss. Wax and Rosin, ana ʒvj. boyl it to the Consistence of a balsam, and keep it for the uses aforesaid: See the Ointment in our Synopsis Medicine, lib. 3. cap. 58. sect. 15. Taken inwardly (I mean the Essence) it purgech flegm, kills Worms, and helps the Stone.

311. *Hypericum, Perforata, Fuga Demonum*, *ὑπερικόν*, S. Johns wort; hot and dry in 2^o. It is of thin parts, absterfiv, traumatick and vulnerary. It dissolves congealed Blood, cures all sorts of wounds, inward and outward, breaks the Stone, and kills Worms: It cures punctures and

contusions of the nerves, burnings, scaldings, all wounds and ulcers, though made with venom'd Weapons, Gout, Sciatica, and other unnatural p. ins. The leaves, flowers, and seeds, bruised and put into a Glass with Oyl Olive, and set in the Sun, then strained and new added, till the Oyl become of the colour of Blood, makes an excellent Medicine for green and deep wounds, that are through the Body, punctures of the Nerves, poisoned Instruments, &c. Paracelsus saith, It drives away witchcraft and spirits, and uses it as an Amulet for the same, to be put under Pillows, layed under the Head, smelt to, spread about the House, hang on the Walls, &c. but he advises it to be gathered under the influence of Jupiter, Mars, or Venus, in the morning: but I say, it is best to be gathered under the influence of the Sun, because it is a solar herb.

312. *Hyssopus, Hyssopum*, *ῥοσὶδαμο*, Hylop; hot and dry in 3^o. It is a most eminent Pectoral, and Traumatick. It ripens and breaks tumours and impostumes in the mouth, throat, and breast; stops Rhumes, and helps Inflammations of the Lungs, it is of thin parts, opens obstructions, cleanses, digests: outwardly it takes away noise in the Ears, and cleanses the Womb by infection: The Essence taken with Syrup of Vinegar, purges by stool, thick tartarous flegm; and kills Worms.

313. *Fuca, Stæbe*, Silver knapweed; it is called Flaming Viollet all: hot and dry in 3^o. Schröder saith, it is bitterish and sharp; cleanses, pierces and discusses; it is Vulnerary and Sudorifick, takes away clammy humors, and opens obstructions of the Womb:

Outwardly it is Cosmetick, and cures Scabs, Itch, &c.

314. *Jacobaea, Herba Jacobi*, *Ἡ εὐρέπω* Rag-wort, or herb-James hot and dry in 2°. It is bitter, cutting, opening, cleansing, Vulnerary, Arthritick and Uterine: It is eminent against obstructions of the Womb, and expels the stone: It takes away coldness and barrenness, and provokes the Courses: the Essence made into a Balsam with hogslard, and Olibanum, is excellent against Fistula's, Kings-evil, Wounds, the Gout, Sciatica, and other old aches and pains in Arms, Hips and Legs.

315. *Jalappa, Mechoacana niger*, Jallap or black Mechoacan: See the Root, cap. 1. Sect. 79. and our Dor. Med. Lib. 1. Cap. 2. Sect. 22.

316. *Jasminum, Jeseiminum, Gesseminum*, *Ἰακίανον*, Gessimine, hot and dry in 2°. A Pultise of the Leaves is good against cold swellings, and excrescencies; the Essence is Anodyne and Cosmetick, and helps aches coming from cold humours: See the flowers, Cap. 5.

317. *Imperatoria, Astrantia, Magistrantia, Ostrutium*, Masterwort, hot and dry in the 3°. Drunk in Rhenish Wine, it is an Antidote against all Poyson, Pestilence and corrupt Air: it attenuates, digests, cleanses, and provokes sweat and Urine: the powder being taken several days together ʒj. at a time fasting, helps the Dropsie, Convulsion, Cramp and Epilepsie: and given in Canary before the fit, it helps Quartans. Outwardly, stamped and applied; it helps bruises, dissolves congealed Blood, ripens pestilential botches, and helps the biting of venomous

Beasts. See the Root (which is more powerful) chap. 1. sect. 80. *Beguinus* saith the Salt of Masterwort taken (from gr. iij. to viij. in Rob of Elder-berries, helps all intermitting Feavers.

318. *Indico, Genus Glaſti, Indico*, (a kind of Woad) it is good to stop bleeding of all sorts, and helps Phagedens, Cancers, Scirrhus's, Erysipela's, hot inflammations, and imposthumes.

319. *Lis*, *ἡ ἁλὴ*, flower-de-luce, or Orrice, hot and dry in 3°. as an Errhine the juice cleanses the head of water; and purges choler, flegm and watry humours exceedingly, and is principally used in the Dropsie: It is Pectoral, and opens obstructions of Liver, Spleen and Womb, provokes the courses, and helps Convulsions. See the root, chap. 1. Sect. 81. of which you may make a *Fecula* thus: being cleansed and bruised, press out the juce; that done, let it stand still in a Vessel, till a white powder like Starch fall to the bottom, from the which pour the water, and dry it for use. It is a great Cosmetick, being used with Rose-water: it helps bruises, and black and blue spots. Thus is made *Fecula* of Bryony, Aron, Radish-roots, &c.

320. *Lis Florentina, Florentine*, *Orris*, hot and dry in 2°. the juice very much purgeth choler and Water: and, drunk in whey or sweet wort, it helps cramps, convulsions, and biting of venomous beasts, opens obstructions of Liver and Spleen, and the Dropsie drunk with vinegar it helps the Gonorrhœa, and in Rhenish Wine provokes the terms: See the Root Chap. 1. Sect. 82.

321. *Juglans, mix juglans*, *ἡ*

εἰς, Walnut-tree: Hot and dry in 1°. The Powder of the Catkins drunk in Rhenish Wine help the suffocation of the Womb. See the Fruit Chap. 6. and Chap. 2. Sect. 16.

322. *Jujuba, Zizypha, Zizyphus, Ζίζυφ*: Jujube-tree: See the Fruit, Chap. 6.

323. *Funquillas, Bulbus Vomitorius, Ruff-Daffodil*, hot and dry in 2°. The Roots are Vulnerary, and consolidate after the manner of Comfrey, and therefore are good against Wrenches, Strains, Pains of the Joynts, &c. The juyce of the Root is Emetick, Colimetick and Pectoral.

324. *Juniperus, Ἰουνύβιον*: Juniper-tree, hot and dry in 3°. The Berries are called *Bacca Juniperi*; the Gum, *Vernix & Sandarach*. See the Berries, Chap. 6. The Gum, Chap. 8. following, and the Wood, Chap. 3. Sect. 10. abovegoing. The Mushroom grows to it in May like Moss, and is good against Inflammations of the Eyes. The smoke of the leaves and wood drives away Serpents, and frees the Air from infection: the juyce of the leaves applied, help the bitings of Vipers. See the Oyl in our Dor. Med. lib. 2 cap. 31. Sect. 20.

325. *Juncus, Scirpus, Σκίρπον*: Common Rush, cold and dry in 3°. It stops Fluxes and the Roots (especially the Seed and Roots) being drunk with Canary Wine) but they are Hypnotick, and therefore dangerous. The tender leaves next the root made into a Balsam, help the biting of the Phalangium, a Spider so called.

326. *Juncus Aquaticus, Ὁρόχοι*

ῥο, Bull-Rush: It has the temperature and Vertues of the former; but the Seed of this is far more Hypnotick or soporiferous, and therefore ought to be discreetly used.

327. *Kali, Salicornia, Solscornia, Καλί*, Glass-wort, hot and dry in 4°. The Ashes are called Soda; the Salt *Sal alkali*, and *Sandiver*. A small quantity of this Herb, or Essence thereof, being taken inwardly, wonderfully provokes Urine, opens obstructions of Liver and Spleen, purges watry humours, helps the Dropsie, and expels the dead Child; too great a quantity kills. The ashes are caustick, but mixt with such Medicines: and help scabs, mange, and deformity of the skin, and to consume excrescencies in Ulcers: So also doth the *Sandiver*, if dissolved in water to bathe with.

328. *Kermes, Chermes*, hot and dry in 1°. It is the Fruit of a Tree called *Ilex cocifera*, or Scarlet Oak, growing in *Candia* and in many parts of *Spain*. See the Berries, Chap. 9. Sect. 7.

329. *Keri, Cheyri, Viola Lutea, Κερύ*, Wall-flowers, hot and dry in 1°. This Herb is sometimes called *Leucoium*, being that which is most used in Physick. It is Vulnerary, cleansing, and of thin parts; a Balsam of the juyce, helps clists in the Fundament, and scirrhus Tumours, Palsie, and Gout: bruised with bay Salt, and applied to the Wrists, it abates the shaking fits of Agues. The Essence of the Herb mixt with Rhenish Wine and taken, provokes the Terms, and expels the dead Child: to which if you

put a little Hony and Alom, it cures Ulcers and Cankers of the Mouth.

330. *Lacca*, Lacca-tree, hot in 1°. dry in 3°. The *Lacca Sumetrii* is the best; the *Lacca Comhorti* next; the Artificial *Lacca* (made of scrapings of Brazil and Saffron, used only by Painters) is worst. The artificial is called *Lacca* in Balls, of the colour of *Minium*, and it is either *Vulgar* or *Florentine*, which of the factitious is the best and deepest red. The Tree yields a dry Resin like Myrrh, but very red, and which makes the spittle red when it is chewed, and being burnt or broken, smells sweet. Some say, That it is a juyce sucked by winged Ants, and by them left upon the boughs; others (which is most probable) that it grows or sweats out of the said boughs. See the *Gum*, Chap. 8. and our *Dor. Med. lib. 1. cap. 2. sect. 14.*

331. *Lacrymæ Job*, Jobs Tears, Temperature is unknown; *Penz* and *Lobel* say, the Powder or decoction is of use against the Stone in the Kidnies and Bladder; and *Crollius* commends it as an excellent *Lithonriptick*. The Seeds being perforated, are strung, and used in the *Roman Church* for Prayer-beads.

332. *Lactuca, Oxiolæ xai suri-vu*, *Pythagoreorum*, Lettice, cold in 3°. dry in 1°. It is eaten as a Sallet, both raw and boyled, with Oyl, Salt, Vinegar and Pepper; It is astringent, Anodyne and Hypnotick; it cools the heat of Cholera, allays inflammations, encreases Milk in Nurtures, is of good nutriment, streng-

thens the stomach, loosens the Belly, and quencherh Thirst: Outwardly it helpeth all manner of Inflammations, easeth the Head-ach: and applied with Salt to burns and scalds (before they blister) cures them. The Herb or juyce too much used, weakens the Seed, and quenches the heat of the Lust. See the *Seed*, Chap. 7.

333. *Lactuca sylvestris*, Wild-Lettice; cold almost in 4°. dry in 1°. It is Hypnotick and Anodyne: The Juyce or Essence mixed with *Exagrate*, purgeth watry and flegmatick humours, cleanseth and heals Ulcers in the Eyes, and dimness of sight: The said Essence mixt with Rhenish Wine or Canary, moves the Courses, helps the stinging of Scorpions, and biting of Spiders: the Seed has the same vertues with the Garden.

334. *Lactuca agnina*, Corn-Sallet, or Lambs-Lettice; cold and moist in 1°. It's used in Winter, and first appearance of the Spring for a Sallet, nor inferior to the other. The juyce applied with Oyl of Roses, helps the Head-ach: inwardly it cureth adust humours, and with Camphire abates the heat of Lust.

335. *Lagopus, Cagopodium, xaxvov*, Hares-foot, (a kind of Trefoil) cold and dry in 10. It grows among Corn and Flowers chiefly in July. It stops all Fluxes of both Belly and Womb; it helps spitting of Blood, the Strangury, Ulceration of the Bladder, and Gonorrhœa, and cures Ruprures: Outwardly it stanches bleeding, heals wounds, helps the Hemorrhoides,

Tumors

Tumors in the Groin, and is a good Cosmetick.

336. *Lampsana*, Dock-Cress, it is hot, dry, and cleansing, helps ulcerated Breasts, and provokes Urine.

337. *Lapathum*, *Rumex*, *Oxylapathum*, *Hippolapathum*, $\lambda\alpha\tau\alpha\theta\upsilon\upsilon$, common Dock, temperate and dry in 3°. The Leaves open, loosen, and cleanse, yet stop all manner of Fluxes, chiefly the Bloody Flux, and ease pains of the Stomach. See the Root, Chap. 1. Sect. 84. The Essence is Cosmetick.

338. *Lapathum rubrum*, *Lapathum sativum*, $\lambda\alpha\tau\alpha\theta\upsilon\upsilon\ \delta\iota\alpha\mu\epsilon\tau\epsilon\sigma\tau\epsilon\sigma$, Blood-wort, cold and dry in 1°. It opens obstructions of Liver and Spleen, and stops any Flux in Man or Woman: it cleanses, purifies, and breeds good blood: the Seed helps wambling of the Stomach.

339. *Lase pitium*, $\lambda\alpha\sigma\epsilon\pi\iota\tau\iota\upsilon\mu$, Laserwort, hot and dry in 3°. The best grows in Cyrene, which yield the Gum called *Laser*; the other in Syria, which yields *Asse fetida*. The Root bruised and made into a Cataplasin, with Oyl, dissolves hard swellings, especially for the Kings Evil, and made into a Plaister, it helps the Gout and Sciatica. See the Gums in Chap. 8.

340. *Larix*, $\lambda\alpha\lambda\epsilon\upsilon\varsigma$, Larch tree, it's of the nature of the Fir and Pine trees: See its Mushroom called *Agarick*, Sect. 15. above; and its Resin, Chap. 6.

341. *Lathyrus*, Pease everlasting. Of the Temperature and Virtues of the common Pease.

342. *Lavendula*, *Pseudonardus*, *Nardus Italica*, $\pi\epsilon\upsilon\delta\omicron\nu\alpha\rho\delta\omicron\varsigma$, La-

vender, hot and dry in 3°. It is either male or female: The male is the broad Italian Nard, (which is the sweeter) and is called *Lavender*: the female is the narrow-leav'd Spike (which is the stronger in smell) and is called *Spikenard*, the which is the most usual; but they are used promiscuously the one for the other. They have a sharp bitterish tast, and are of thin and spiritual parts: being Cephalick, Arthritic, and Uterine. The Essence of the Herb is good against most Diseases of the Head, and is of singular use in Catarrhs, Palsies, Cramps, Tremblings, Megrims, Lethargies, &c. It expels Urine, and Birth, (if given in Travel) and is very good against the Colick. See our Synopsis Medicine, lib. 3. cap. 22. sect. 158. The Flowers (which are best) in Cap. following. *Lavender-Cotten*, See Sect. 205. aforegoing.

343. *Laurocerasus*, Cherry-bay; The fruit is good to be eaten, and is a great Cordial, strengthening and fortifying of the Heart; it cools excellently in Feavers.

344. *Laureola*, *Chamedaphne*, *Peplion*, $\delta\omicron\nu\omicron\epsilon\iota\tau\epsilon\varsigma$, Laurel-shrub, What Authors intend by *Laureola*, is very doubtful; sometimes it signifies the common Garden Laurel-shrub, with broad Leaves, which bears a kind of Cherry; sometimes *Spurge-Laurel*, which is a kind of *Mexereon*, and the name is often given to *Mexereon* it self. If the first, it is of no eminent use in Physick, but is rather planted in Gardens for Ornament; but bears a delicate Cherry, of a very pleasant and grate-

ful taſt. If the latter, it is wholly of the nature of the *German Spurge-Olive* or *Mercurion*, being of an exceeding hot and biting taſt. Both the green and dried leaves purge Cholera, Flegm, and watery humours, provoke Vomit, yet bring down the Terms; they help the Dropſie, but inflame the Bowels, except firſt macerated in Vinegar, juyce of Quinces, or juyce of Lemons, Doſe is to gr. xv. Snuffed up, it cauſeth ſneezing; chewed in the mouth, it purges the head of water. The Antidote is Milk with Butter or Oyl; or you may give a draught of juyce of Lemons, but I think the former is better, if taken largely: The Berries in gr. iiii. or v. help the Colick, and an Oyl of them helps the Piles. See *Chirp. 2. Sect. 17, and 23.* And *Mercurion, Sect. 413.*

345. *Laurus, Laureæ, Laudea Viteum, Δάφν.* Bay-tree, hot and dry in 3°. The leaves are ſtomachical, and being tum'd up with Beer, give it a pleaſant taſt, grateful to the Stomach, whereby reſiſting Vomiting; made into a Pulſe with Barly-meal, they help all inflammations, the ſtinging of Bees, Colick, and pains of the Bladder; the bark of the Root taken in Rheniſh-wine, provokes Urine, breaks the Stone and expels it, opens Obſtructions, provokes the Terms, cures the Dropſie and Jaundice, but kills the *fœtus*. See the Berries, *Chap. 6.* and the Oyl of them in this *Diſp. lib. 4. cap. 3. Sect. 26.*

346. *Lauruſſinus*. Wild-bay. The Temperature and Vertues are ſcarce diſcovered: ſome think

them the ſame with the former.

347. *Lens, Lenticula, φαδδ:ν* φαδδν. Lentils, temperate and dry in 2°. they are of an aſtringent, harſh, earthy juyce: the firſt decoction of them with ſalt, looſens the Belly: the ſecond binds and ſtops all Fluxes, eſpecially if boyled with Myrtles, Balauſtins, Medlars, unripe Pears, unripe Bramble-berries, Quinces, Galls, Berries of Sumach, Pomgranate-Pills, or the like: their meal with honey is abſterſive, cleanſes old Ulcers, putriſied Sores; breeds fleſh, and is a good digeſtive in green Wounds. If much eaten, they ſtop the Courſes, produce Leproſie, create ſad Dreams and Melancholy, hurt the Head, Lungs, and Sinews, and ſpoil the ſight: In a Cata-plaſm with Barly meal, they help the Gout, and other hard ſwellings, as alſo Shingles, Eryſipela's, Puſhes, Kibes, eating Sores, Itch, &c.

348. *Lenticula marina*, Sea, or water-Lentil, cold and moiſt in 2°. They are Diuretick; the decoction with Roſe-leaves and Quinces, helps Ulcers: and as *Sennerius* ſays, the *Phlyſtene*; they may be eaten as *Sampire*.

349. *Lens Paluſtris, Lenticula aquatica, φαδδ:ν φαδδν* φαδδν. Ducks-meat, cold and moiſt in 2°. It is chiefly uſed in all great Inflammations, Eryſipela's, hot Feavers, and the like; if mingled with Wheat or Barly-flower and applied: the ſame alſo is good againſt Phlegmous, pains of the Joynts, and falling of the Fundament in Children, ſwellings of the Breasts and Privities, and pains of the Head, cauſed by heat.

heat: The distilled water, juyce or Essence, is good against redness and inflammations of the Eyes.

350. *Lentiscus*, Σχίνος. Ma-
stick Tree, Temperate and dry
in 2°. The leaves and bark are
astringent, help the bloody Flux,
Hæmoptysis, pissing of blood, and
all other fluxes of blood, with
other lasks of the bowels. They
are good against the Falling Sick-
ness, and exiture of the Womb
and Fundament; the Oyl of the
Berries help the Itch and Lepro-
sie. See the Gum, Dor. Med. lib. 1.
Cap. 3. Sect. 15.

351. *Leontopetalum*, *Pes Leonis*,
Bramaria, Δέντρο τῆς λέοντος, Li-
ons Leaf, hot and dry in 3°. It
is digestive, alexipharmick, and
anodyne, and is good against the
bitings of Serpents: the Root
applied helps the Sciatica, and
cleanses old filthy Ulcers.

352. *Lencoium*, Indian Chest-
nut, Temperate and dry in 2°. It
is a pleasant fruit, but binds,
and stops Fluxes.

353. *Lencoium*, Δευκόιν, Stock-
Gilliflower: Their Tempera-
ture and Vertues are the same
with Wall-flowers, but somewhat
weaker. *Camerarius* saith, a Con-
serve of the flowers of the Stock-
Gilliflower, given with the di-
stilled water of the same, helps
the Apoplexy and Palsie.

354. *Lencoium bulbosum*, Bul-
bous or Onion Gilliflower, Tem-
perate; the Fowers drunk in Ca-
nary help stitches in the side.

355. *Levisicum*, *Ligusticum*,
Lovage, hot and dry in 3°. *Musa*
saith it was formerly used in
Meats, as we use Pepper. It in-
cides, opens all manner of Ob-
structions of Liver, Spleen, and

Gall; is Alexipharmick, diure-
tick, Emmenogogick, Vulnera-
ry, Stomachical and Pectoral: it
expels the dead Child and After-
birth; dissolves clammy Tarta-
rous humours, and cures the
Jaundice: the distilled water, or
refined Essence, clears the sight,
and is a singular good Cosme-
tick.

356. *Libanotis*, Λιβανότις, Herb
Frankincense, hot and dry in 2°. A
Cataplasim of the leaves helps the
Piles, supplies swellings, and helps
Inflammations, especially of the
Throat, Groin, and Fundament,
bringing them to suppuration,
when scarcely any thing else
will: the Essence mixt with Ho-
ney, clears the sight: and mixt
with Darnel Meal and Vinegar,
helps the Gout: mixt with Wine
and Pepper, it helps the Jaundice,
and is sudorifick; mixt with Oyl,
it helps chaps in the hands, Feet,
or skin: it is Alexipharmick,
Diuretick, and provokes the
Terms.

357. *Ligustrum*, οὐλάνος καὶ κύν-
αρος, Privet, cold and dry in
1°. It is good against Inflam-
mations, putrifaction, old Ul-
cers, Cancers and Sores in the
Mouth, Jaws and Uvula, loose-
ness of the Gums, pain, redness
and inflammations of the Eyes;
and inwardly stops fluxes; and
helps much against the Scur-
vy.

358. *Lignum Rhodium*, Alpine
Rose-wood, called *Aspalathus*.
See Chap. 3. Sect. 3.

359. *Lignum Moluccense*, *Pa-
nava*, Molucca's Tree, Tempe-
rate: it is Cephalick, Stoma-
tick, Uterine, and Arthritick,
Carminative, Anodyne, Alexi-
pharmick,

pharmick, yet Cathartick. It is a remedy against the poysonous biting of the Viper *Regulus*: and *Aps*, helps, Quotidian and Quartan Agues, Dropfie, Stone, Disury, Iliack and Colick Passions, expels wind, cho'cr, flegm, water and melancholy, helps scirrhus and stummatick Tumors, Oedema, and Gout; all old griefs of the head, as Epilepsie, Convulsions, Apoplexy, Megrim, *Cephalæa*; Obstructions of Bowels and Wombs. Shortness of Breath, noise and deafness in the Ears. You may give of the wood in powder in Rhenish Wine from gr. x. to ʒss. in the morning fasting: it may be given in all seasons, to all ages, and every constitution, without the least danger; hot and choleric People may take it in Syrup of Vinegar, or Lemons; it works without troubling or offending the Stomach, or hindering any business; and if it work too strongly, it may be remedied by taking a small quantity of Rice-milk: It kills Worms of all sorts, makes a good appetite, and is very good against the French Fox.

360. *Lignum Nephriticum*, Nephritic wood, it cools the Reins and Bladder, helps sharpness of Urine, quenches the heat of Feavers, expels wind, helps the Colick, &c. See Chap. 3. Sect. 12.

361. *Lilium, Rosa Junonis*, *K. v. a. i. a. K. p. v. x. d. e. i. o. r.* Lilly, hot and dry in 2°. See the Root, chap. 1. Sect. 86. and the Flowers, chap. 5. The Herb bruised with Vinegar and Henbane-leaves, and applied, helps the Gout.

362. *Lilium Convallium*, Lilly

of the Vally, hot and dry in 1°. See the Flowers, Chap. 5.

363. *Lilium Rubrum*, Red Lilly; *Galen* saith, it is of a thin, yet earthy Essence; the Roots and Leaves, dry, are a'sterfise, and digestive; applied, they help the stings of Serpents, and made into a Cataplasim with Vinegar, or into a Balsam, it helps burns, scalds, green wounds, Ulcers, hardness of the Matrix, pricks of the sinews, hot swellings, Gouts, Morpheus, and other deformities of the skin.

364. *Lilium Persicum*, Persian Lilly: The Vertues are doubtful, it is a fine Ornament to a Garden.

365. *Limonium*, Sea Lavender: It is hot and dry in 1°. The Seed is binding, and being powder'd and drank in Canary, it stops the Terms, and all other fluxes of Blood, the *Dysenteria*, and other Lasks; helps the pains of the Colick and Strangury.

366. *Limonia Malus*, *Λ. v. i. a. u. n. d. o.* Limon-tree: See the Fruit, Chap. 6.

367. *Lingua Cervina*, *Radiolus Apuleii*, *ουρανitis*, Harts tongue. See *Scolopendria*.

368. *Linariz*, *Ορνις*, Flax-weed, or Tread flax, hot in 1°. dry in 2°. It is of the kind and nature of the wild Snap Dragons: It is good against the Jaundice, Dropfie, and stoppage of Urine; it opens obstructions of the Liver, Spleen, and Reins; it expels the Terms, Stone, and Poyson: the Juyce or Essence helps red Eyes, and is Cosmetick.

369. *Linum*, *Λ. v. i. a.* Flax, hot in 2°. and temperate. See the seed,

seed, Chap. 7. Of flax is made our white Paper, the flax being first made into cloath: Of which Paper comes an Oyl, thus: Set the Paper on Fire, and lay it on a plate of Tin, so will the Oyl stick to it; it is of an Anodyne and healing property, and a specifick in the Tooth-ach.

370. *Lithospermum, Milium Solis, Gorgonium, Diosperon*, & *Stegomespilus*, Gromwel, hot and dry in 2°. See the Seed.

371. *Lolium, Zizania, Aëra Pluvii, Aëra, Darnel*; hot in 3°. dry in 2°. The Root kills Worms. See the Seed.

372. *Lotus Arbor*, Nettle tree, cold and dry in 1°. The decoction of the Wood drunk or taken as a Glyster, or injected, helps the Bloody Flux, stops Lasks, helps the Whites and Reds, and keeps the Hair from falling, but makes it yellow; the Fruit is cooling and binding.

373. *Lotus herba hortensis*, Sweet Garden-Pease, Trefoil, or Claver, Temperate: *Galen* saith, It dries and concocts: *Dioscorides* saith, It takes away spots in the Eyes, and clears the sight: It is Alexipharmick, Vulnerary, Anodyne, and Diuretick: It help the Gout, dissolves congealed Blood, is good in Pleurisies, the Disury and Epilepsie.

374. *Lotus herba agrestis*, Wild-Pease, Trefoil, or Clover-grass, hot and dry in 1°. The Powder of the Herb drunk, helps pains of the Bladder; mixed with honey, it helps blemishes of the skin, being applied.

375. *Lunaria*, Moon-wort, cold and dry in 1°. It is Vulnerary, and helps the Bloody Flux, Dropsies, Cancers of the Breast, Dysente-

ria's, Whites, Ruptures in Children; in Red wine it stops the Terms, Vomiting and Bleeding: Outwardly in a Balsom it consolidates Ruptures, Fractures and Dislocations.

376. *Lupinus, Σέπυς*, Lupine, hot in 1°. dry in 2°. This is the *Aurum Cornicum Plantæ*: the Root boyled in water, and drunk, provokes Urine, and is a specifick in the Pox: The juyce mixt with the Gall of a Goat, and juyce of Lemons, and applied, is prevalent against the Gout, Nodes, Imposthumes, and hard swellings. See Chap. 7.

377. *Lupulus, Βότρυς, Βρυονία*, Hops, hot and dry in 2°. The Herb opens and cleanseth both Liver and Spleen, purifies the Blood, helps Agues, and cleanses the skin from Scabs, Itch, Mange, and other breakings out, if boyled and drunk in Whey; but the Juyce or Essence is stronger and better, for it purges Choler, Flegm, and watry humors, (both by Stool and Urine) helps against the French Pox, breakings out in the Body, Tetter, Ringworms, Itch, Morpew, spreading Soars, and is an Antidote against Poyson; it kills Worms, provokes the Terms, helps the Jaundice, Head-ach, Scurvy, Melancholy, and old Quartans. They that please to prove it, may find not only the juyce of the Herb, but a Diet of Flowers very much to exceed that of China, Sassa, Sassafras, and it may be Guaiacum too: See the Flowers, Chap. 5. The young Buds are eaten in Sallets.

378. *Luteola, Herba Lutea, Luteum, καυδοχρυσόν*, Dyer-weed, hot and dry in 3°. It cuts, attenuates,

nuates, resolves, digests, is Alexipharmick, traumatick and vulnerary, it helps junctures of the nerves, and bittings of venomous Creatures, and prevents the infection of the Plague. It dyes yellow and green those cloathes which have been first dyed blue with Wood.

379. *Lychnis, Λυχνίς*, Campions, hot and dry in 2°. The leaves help Ulcers and Wounds: the seed taken ʒij. in Rhenish Wine purges choler, helps such as are stung or bitten with venomous Beasts, and resists Poyson.

380. *Lychnis hortensis, Βάτο-χίον*, Batchelors buttons; They are of the nature and temperature of *Ranunculus* or Crowfoot, but not altogether so hot: the root applyed exulcerates the skin, and attracts watery humours.

381. *Lycium, Πυξάνθη, Buxa spina, Λύκειον*, Boxthorn; temperate and dry in 1°. The Essence of the leaves or boughs clears the sight, heals Ulcers in the Eyes, distillations of humors, Ulcers in the mouth, throat and almonds, runnings in the Ears, and the Itch: the shops use the juyce of wood bine-berries, privet, or sloe for it.

382. *Lycopsis*, Wall-bugloss, temperate and dry in 1°. It is Vulnerary, stops fluxes and Rheums, and cools inflammations.

383. *Lysimachia, Σαλικάρια, Coronola, Λυσιμάχιον*, Loostrife, cold and dry in 1°. The Essence stops bloody fluxes, and all other lasks, stops spitting of blood, the terms; clears the sight, and is a good Vulnerary.

384. *Macaleb*, Bastard privet,

hot and dry in 1°. It is not often used in Physick: the Seed is a good perfume. See lib. 4. of *my Polygraphice*: of these Seeds also the perfumers make bracelets: The fruit is moderately hot, provokes Urine, and is good against the Stone.

385. *Majorana, Amaracus, Samplucum, Αμυδάκον* Marjoram, hot and dry in 3°. It is an excellent aromatick, of fine, subtil, thin and Volatile parts: it is Cephalick, stomatick, uterine, and arthritick. It expels wind, is diuretick, traumatick, emmenogogick, and alexipharmick: It dissolves congealed Blood, cold swellings, biting of venomous beast, poyson of Opium, old coughs, and obstructions of the Lungs: the juyce or Essence as an *Errhine*, purges the head of flegm; held in the mouth easeth the tooth-ach; taken in Canary, helps pains and gripings in the bowels. The chymical oyl is of wonderful force in all manner of head aches, palsies, convulsions, cramps, cold aches, and shrinking of the Sinews, only by being anointed upon the part affected, and the backbone. See our *Dor. Med. lib. 1. cap. 3. sect. 7.* The Essence taken in Spanish Wine, is an antidote against all mortal Poyson; strengthens the Stomach, and helps Diseases of the Spleen.

386. *Mala ipsana*, Mad Apples, cold in 4°. most in 1°. They are supposed hurtful; yet at Toledo in Spain, they are eaten pickled, with scraped cheefe, to procure lust.

387. *Malabathrum, folium Indicum, folium Indicum, Tamalapatra*, Indian Leaf; hot and dry in 2°. chuse those that are fresh and greenish,

greenish, not black. This Herb is of the nature of Spicknard: it is diuretick, stomatick, cardiack, and alexipharmick; it helps digestion, warms a cold Stomach, helps Inflammations, and Pin and Web in the Eyes, and causeth a sweet breath: laid among cloaths keeps them from Moths.

388. *Malva*, Μαράν, Mallow: temperate and moist in 1°. It is emollient, anodyne, and vulnerary: it loosens the belly, allays sharpness of Urine, and is of notable use in most diseases of the Lungs, Bladder, Guts and Womb. It is a great Pectoral, and helps Coughs, Asthma's, Consumptions, Bloody-flux, Stone, Ulcers in the Bladder, Guts and Womb: outwardly it cures Worms, ripens Tumors, and easeth Pain: In Glysters it gives ease in the Stone, and expels wind: boiled in Urine, it is good against a scald-head, the head being barked therewith.

389. *Malva arborea*, vel *arborescens*, Holy-hocks, temperate and moist in 1°. of the nature of the former; used chiefly in distempers of the throat and mouth, as a Gargle.

390. *Malus*, Πομύς, Μυλέα, Apple-tree, cold and moist in 1°. (Pipins and Pearmains) the fruit is called *Malum*. See the Fruit, Chap. 6.

391. *Malus armeniaca*, *Præcocia*, *Chrysemelon*, Apricock-tree; the leaves are cold and dry in 1°. See the Fruit, Chap. 6.

392. *Malus Persica*, Μυλέα σερπικη ή ποτάμα, Peach-tree, the leaves are cold and dry in 1°. See the Fruit.

393. *Malus nuci Persica*, The Nectarin, a Peach-tree; the fruit

has the same Vertues with the former: yet the leaves both of this and the former, are said to open obstructions of the Liver and Belly, and to kill Worms in Children, being boiled in Milk, and given.

394. *Mandragora*, Μαρίον, Μαρσάγγελος, Mandrake, cold in 4°. dry in 1°. See the Root, Chap. 1. Sect. 89. and the Fruit, Chap. 6. The leaves stamped with lard and barley-meal, and applied, help all hot swellings, inflammations, and Aposthumes, and dissolve knots in the flesh. The antidotes are Scordium, Rue, Castoreum, Wormwood, Mustard, Organy, Angelica, Spanish and Rhenish Wines.

395. *Marrubium*, Πράσιον, Hore-bound, hot in 2°. dry in 3°. It opens obstructions of both Liver and Spleen, cleanseth the Breast and Lungs, takes away old Coughs, Asthma's, shortness of breath, pains of the sides, spitting of Blood, Ptytick, Inflammations and Ulcers of the Lungs; it provokes the Terms, and expels the birth, after-birth, and dead child. It is very profitable in Consumptions, is Alexipharmick, good against the biting of venomous beasts, and vulnerary; the Essence mixt with honey or Rhenish wine, and dropt into eyes which have a pearl, or other dimness in them, clears them, and helps their watering.

396. *Marrubium nigrum*, black-horebound, hot and dry in 30. It is sharp, subtile and cleansing, helps the biting of mad-dogs, provokes the Terms, helps a Cachexia, ill stomach, loss of appetite, bad li- vers, the Itch, and Jaundice; It kill,

kills Worms, and is Traumatick. Outwardly it wafts hard knots, and cleanseth foul Ulcers.

397. *Marrubium aquaticum*, Water-Hore-hound, cold in 1°. dry in 3°. It is very astringent and Traumatick.

398. *Marum*, *Μάραρον*. Herb Mastick, hot and dry in 3°. It is an exotick Plant like Marjoram in form and vertues, which we use instead of it: it is good against the bitings of venomous Beasts, Convulsions, Cramps, Strangury, and Feavers; it stops Tasks, helps burstings, is Alexipharmick and odoriferous.

399. *Materfilon*, Black Knapweed: It is of the nature and kind of Scabious, a good Traumatick and Vulnerary.

400. *Mechoacanna*, Indian Rhu-barb, or Mechoacan: See the Root, Chap. 1. Sect. 88.

401. *Medica*, *Μένδα*, Claver, or Medick fodder, cold and dry in 1°. a Cauplasin of the green Herb is good against inflammations, and heals Wounds: This Claver is also called *Trifolium coebleatum*.

402. *Melo*, *Μέλον*, Melon or Pompion, cold in 4°. moist in 2°. The Leaves bruised and applied, cool Inflammations: See the Fruit, Chap. 6. and our Dor. Med. lib. 1. cap. 1. Sect. 63.

403. *Melopepo*, *Μελόπεπον*, Muskmillion, or Melon; See the Fruit, Chap. 6.

404. *Melilotus*, *Κόρονα Ρεγία*, *Trifolium odoratum*, *Lacus Urbana*, *Μελιλωτ*, Melilot, hot and dry in 1°. But I much question whether Melilot, and *Trifolium odoratum*, which is taken for Lotus Ur-

bana be one and the same thing, I rather think the contrary. However, Melilot is a kind of strong-scented Trefoil: It is Emollient; Discussive, Anodyne, Traumatick, Vulnerary, wafting, ripening, Diaphoretick, Diuretick, Lithontriprick, and an opener of Obstructions: the juyce or Essence dropt into the Eyes, clears the sight, consumes the Pin and Web, and dissolves the Pearl, and other Spots which offend them. See our Dor. Med. lib. 1. cap. 1. Sect. 65. and cap. 5. Sect. 63.

405. *Melissa*, *Μελισσόφυλλον*, *Melites*, *Κίτταγο*, *Μελισσόφυλλον*, Bawm, hot and dry in 2°. It is Cephalick, Cardiack, Stomack, Uterine: an Essence made here-of is Alexipharmick, Carminative, Anodyne, Traumatick, Analeptick, and Sudorifick: It comforts the Stomach, removes Melancholy, cheers the Heart, causes pleasant Dreams, expels Poyson, cures the Plague, Feavers, the biting of mad Dogs, and all other venomous Creatures; eases the *Tormina*, helps Palsies, Apoplexies, Epilepsies; Megrimms, Faintings, Jaundice, stoppage of the Terms, Suffocation of the Womb, stinking Breath. Externally, it is Vulnerary, glutinates Wounds, helps the stinging of Bees, Wasps, or other venomous Beasts, hard Tumors: the Kings Evil, and Gout: An Essence made of Bawm, Celandine the greater, and ij parts, Rosemary and Poppy flowers ana j. part, renews youth, keeps back old age, renovates the skin and hair, and makes them that take it, strong and vigorous; it strengthens the Brain, restores lost memory, re-

lies

Reeves languishing Nature, cures Consumptions, and prevents gray Hairs and baldness: Dose ʒiij. or vj. in Canary every morning.

406. *Mentha*, Μέντα, Ἡδύσμος Mint, i. e. Spear, or Garden Mint, hot and dry in 3°. It is subastrigent, of thin parts, and Stomachick: It is good against Vomiting, Wind, violent heat, Hicket, Obstructions of the Liver, Gripping of the Guts, Megrim, and Head-ach: it dissolves coagulated Milk in Womens Breasts, easeth the Colick, and helps vomiting of Blood; it clears the Head, stops the Terms and Whites, and helps watering Eyes, but hinders generation by condensing the Sperm: It is something inferior to *Calamint*, which see, Sect. 114. See our *Dor. Med. lib. 1. cap. 1. sect. 66.*

407. *Mentha Caltaria*, *Nepeta*, *Mentha feliua*, *Nep*, or Carmint, hot and dry in 3°. It is good against cold pains of the Head, Stomach, and Womb, it corrects crudities, expels wind, provokes the terms, makes fruitful, dissolves Cramps, Colds, Aches, and the Piles; it is a great Pectoral, and has all the Virtues of *Mint* and *Calamint*.

408. *Menthastrum*, Horse-mint, hot and dry in 3°. It is of a more pleasant smell than Garden-Mint, yet the smell exhilarates, and is used in Baths with Bawm to strengthen the Nerves; applied to the Womb it helps sterility; and may be used in place of Garden-mint, where that cannot be had.

409. *Mentha Savatica*, Roman-mint, or Garden-Costus, hot and dry in 2°. It opens, attenuates, dissolves, provoketh the

Terms, helps suffocation of the Womb, is Alexipharmick, and particularly helps against the Poyson of *Opium*.

410. *Mercurialis Phlyon*, Διόζου, Herb-Mercury; it is both male and female, hot and dry in 1°. It is an excellent Emollient, it loosens and cleanseth the Belly, purges Choler and Water: Outwardly it is a good Vulnerary; it cleanses old Ulcers, and consolidates green wounds: In Glysters it scours the Bowels, and purges out Flegm and bilious Humours: it mollifies Tumours; and the bruised Herb used as a Pessary helps Conception.

411. *Mespilus*, μεσπίλην ἢ μεσπίλον, or βαμυλίε, Medlar-tree, cold in 1°, and dry in 2°. The Leaves are astrigent, and stop all Fluxes. See the *Fruit*, Chap. 6.

412. *Meum*, anetum tortuosum, Imperatrix, μεσπὶν ἢ ὀνὸν, Spignel, (a kind of *Seseli*, with Leaves like Dill) hot in 3°, dry in 2°. See the *Root*, chap. 1. sect. 90. Some think it to be *Daucus* of Creet, but are mistaken.

413. *Mexreon*, Chamelea Germanica, χαμέλαισ, Mezercon-Tree, hot and dry in 4°. The Leaves, Rinde, and Fruit are very hot, sharp and biting, inflaming the parts. The Leaves very strongly purge Flegm, Choler, and waterish Humours: It is dangerous to be taken inwardly, inflaming much like to *Sea-Tythy-mal*; you may use it instead of *Spurge-Olive*, or *Widow-wall*, which see, sect. 132. which is also a kind of *Mezercon*: You may prepare either of them by macerating them in Vinegar, Juice of Quinces, or Lemmons,

mons, then drying and powdering, which you may give from 5 to 15 grains with a little Mastick and Spicknard or Anniseed. See the Bark, Chap. 23. and the Berry, Chap. 7. The Antidore is *Origanum*, *Terra Lemnia*, with Milk and Butter. It is called sometimes *Laureola* and *Chamedaphnis*, but I think erroneously.

414. *Millium*, Κίγγροϑ, Millet, cold in 1°. dry in 3°. The Ashes of the stalk taken, are good against *Struma*. See the Grain.

415. *Millesfolium*, *Achelea*, *Acrum*, Στεράδιον ὁ χιλιόφυλλον, Yarrow, cold in 1°. dry in 3°. it is Astringent, Repercussive, and Vulnerary: It helps all green wounds, and stops all Fluxes of Blood, and Lasks of the Bowels; applied, it helps pain of the Head; and the Essence being injected with a Syringe, helps Gonorrhœas, Whites, and Inflammations of the Secrets. Chewed in the Mouth, it helps the Tooth-ach; in a Clyster, the excoriations of the Intestines. It stops the Terms, and is held a great Secret in the Plague; the Juice dropt into the Eyes helps their pain, redness, and inflammations.

416. *Moly*, *Molyza*, *Myle Galeni* Μόλυ, Moly, hot and dry in 4°. nearly of the Temperature of Garlick, yet hotter than Onions. It strongly provokes the Terms, being bruised with Oyl of Flower-de-luce, and used as a Pessary.

417. *Morsus Diaboli*, *Succisa*, *Geum*, *Nigina Plinii*, Γκρον, Devils bit, hot and dry in 2°. Cephalick, Stomatick, Pectoral, Traumatick, Vulnerary and Alexipharmick; it takes away slimy humours from the Throat and

Jaws, is good against the King's Evil, Feavers, Bruises, &c. Being of the nature of Scabious, but more powerful. See the Root, Chap. 1. Sect. 91.

418. *Morsus Ranae*, *Nymphaea parva*, Νυμφαία μικρά, Frogbit, cold and dry in 3°. Some take it to be a kind of Pond-weed or Water-Lilly, and ascribe the same virtues to it: but it has the taste of Ducks meat, and the same virtues.

419. *Morus*, μορέα ἡ συνάμινος, Mulberry-tree, the Leaves are cold in 1°. dry in 2°. The Leaves in Gargarism alone, or with the Bark, cure the Tooth-ach: See the Bark of the Root, Chap. 2. Sect. 37. the Fruit, Chap. 6.

420. *Musa*, Adams Apple-tree; the Fruit heats and moistens, provokes Urine, causeth Venerie, cools Inflammations of the Lungs, and heat of Urine; yet eaten too much, hurts the Stomach.

421. *Muscipula*, *Sileni Theophrasti*, Ξενόαυλλον, Catch-fly: The Temperature and Vertues are the same with wild Pinks and Gillsflowers.

422. *Muscus*, *Ufnea*, *Sphagnum*, βεουν ἡ σπαγγύγον, Tree Moss, cold in 1°. dry in 2°. but more or less in temperature according to the Bark of the Tree on which it groweth. It stops Vomiting, all Fluxes of Blood, and Lasks; it helps the Jaundice, and prevents Abortion. That which grows on the Oak does cool and bind very much: that which grows on Rosin-trees is binding, digesting, and softning; but that which grows on the Cedar-tree is the best; that on the Poplar next; then that on the Oak. Wine in which Moss has been

been infused certain days, being drunk, causeth sleep, strengthens the stomach, stops Vomiting and Fluxes : That which is sweet, is often used in Perfumes.

424. *Muscus cranii humani*, Moss of a dead Man's Skull : it stops bleeding, cures Wounds, and is an ingredient in the Magnetick Medicine ; it cures Epilepsies and the bloody-flux. You may use Moss from other Bones instead of it.

424. *Muscus terrestris*, Ground-Moss : Temperate and dry in 2°. It has the Virtues of the Tree-Moss, stops all fluxes of Blood, the Terms, and breaks and expels the Stone.

425. *Myagrum*, *Sesamum Tragi*, *Μυαγρον*, Gold of Pleasure, hot and dry in 3°. This is the *Pseudomyagrum* of *Matthioli*. The oily fatness of the Seed makes the skin smooth and shining, and serves in Germany for poor Mens Tables, and rich Mens Lamps, and of which they make Sope ; the Juice of the Herb is excellent to cleanse and heal Ulcers, chiefly in the Mouth.

426. *Myrtillus*, *Rubus hortensis*, *Βιτ. Γ.*, Garden-Bramble, or dwarf-Myrtle Bush, cold in 1°. dry in 2°. The Leaves astringe and stop fluxes. The Fruit or Berries are cold and dry in 2°. they bind ; cool in Feavers, quench thirst, stop Vomiting and Lasks ; but are seldom used.

427. *Myrtus*, *μυρτιν η αυστριν*, Myrtle-tree, cold in 1°. dry in 3°. The Leaves in Powder, or their Essence taken ; cure the stinking of the Arm-holes, more effectually if they be rubbed also thereon ; by which it abates

their violent sweating. The said Essence cures Catarrhs, and Fluxes of the Belly, bleeding at Nose, Flux of the Terms and Whites, running of the Reins, spitting of Blood, Running Tettors, sore Mouths, pain and Inflammations of the Eyes ; it is Alexipharmick and Vulnerary. See the Fruit, Chap. 6. of which is made Syrup of Myrtles, and Oyl of Myrtles.

428. *Myrtus Brabantica*, *Περυδολαυδον*, Sweet Gall-tree, hot and dry in 3°. This is not the *Galla arbor*, or Gall-tree, (mentioned, Sect. 268.) but the *Eleagnus Cordi*, or sweet Gall-shrub, which grows in fenny Countries, and is often found amongst Sedge, a grass which in England being dried, makes good Fuel. The *Galla Arbor*, is a kind of Oak, which bears the Nut-Gall : This is a sweet-scented shrub, whose Leaves and Fruit being laid amongst Cloaths, gives them a good scent, and keeps them from Moths and Worms. It is bitter, drying, astringent, and discussing : it kills Worms in the Belly and Stomack, provokes Urine, is good against the Stone, and opens obstructions of the Liver and Spleen : the Fruit is strong, and being put into Beer whilst it is boiling, it makes it heady, as if it had much more Malt in it than usual.

429. *Myrobolanus*, *Myrobolan*-Tree, a kind of Outlandish Prune, not known to the Greeks, but found out by the Arabians : they are of several kinds : See the Fruit, Chap. 6. They grow in the East-Indies, and are found wild in Goa, being a Fruit sharp

in taste much like to Service-ber-
ries.

430. *Myrrhis, Smyriza*, *μύρρις* or
Cicely, sweet Cicely, hot and dry
in 1°. Parkinson says, in 2°, Ger-
hard says it is temperate: It is a
pleasant Sallet-Herb, giving a
good relish to other Herbs. It is
of thin parts, Alexipharmick,
Antileptick, Emmenogogick, Sto-
matick, and Vulnerary: it warms
a cold Stomach, expels Wind,
and cures Consumptions: The
juyce heals Ulcers.

431. *Myxos, Sebesten, Μύχος*,
Sebesten Tree: See the Fruit
(which is called Myxa and Myx-
arion) Chap. 6.

432. *Napellus vernus, Toxicum*,
τοξικόν, Helmet-flower, or Monks
Hood, hot and dry in 4°. It is
most venomous, and a deadly
Poyson both to Man and Beast;
with it they Poyson Arrows: if
it be eaten, the Creature wakes
dull and foolish, the Tongue
presently swells, the Eyes stare,
or hang out, the Thighs are stiff,
and they grow speechless, or
rave. The Antidote is *Anthora*,
or the fly that feedeth on the
leaves, or this Composition. R.
*Terre Lemnæ, Baccarum lanri, Mi-
thridati*, ana ʒij of the flies that
feed on the Herb, N°. xxiiiij. *Millia*,
Olee, ana ʒj. ss. mix them, of which
give ʒij.

433. *Narcissus, Νάρκισσος*,
Daffodil, hot and dry in 2°. It
is one of the greatest Trauma-
ticks and Vulneraries. It glews
Sinews and Tendons together, it
attracts, or draws strongly, and
therefore most excellent to be
outwardly applied in Ruptures.
Stamped with Honey and appli-
ed, it helps burns and scalds,

wrenches of the Ankles, pains
and aches of the Joynts: it is a
Cosmetick, and in a Cataplasim
of Rye-bread it ripens Impo-
sthumes, and draws thorns out of
the Body: the Essence taken in-
wardly helps the Cough, Pri-
sick, and Colick, and cures spit-
ting of Blood; you may take the
Herb, but the Root is most usual;
it is Emetick.

434. *Nardus Indica, Nardus*,
Νάρδος or *Νάρδισα*, Spick-
nard, hot in 1°. dry in 2°. It is
called *Spica Indica*, and *Spica Nar-
dus*: It is good against the King's
Evil: See the Root, chap. 1. sect.
95. and our *Dor. Med. lib. 1.*
cap. 1. sect. 78. of this is made the
true Oyl of Spike.

435. *Nardus Celtica, Celtick*
Spike, See the Root, Chap. 1. Sect.
94. It is used outwardly in hot
Oyntments.

436. *Nasturtium, νάστουριον*, Gar-
den-Cress, hot and dry in 4°. It
is eminent against the Scurvy, ob-
structions of the Spleen, Lethar-
gy, Drousieness and dulness of the
head: it provokes the Terms, ex-
pels the dead Child, and cuts the
tartarous mucilage of the Lungs:
the Seed drives out the Meazles
and the Small Pox: Outwardly,
the Herb is used in Gargles and
Errhines: it cures Scabs, Mor-
pew, and takes away Dandriff
from the Head, it cures Tecters,
with Brine; and ripens Fellons;
and in a Cataplasim it eases pains
of the Sciatica and Gout. The
Essence taken inwardly dissolves
clotted Blood, provokes Lust, but
kills the fetus, and expels
Worms.

437. *Nasturtium Indicum, In-
dian Cress*. It has the Temper-
ture

ture and Vertues of the former.

428. *Nasturtium aquaticum*, water-Cresses, hot and dry in 3°. they cut, attenuate, open obstruction of Liver, Spleen and Gall; are diuretick, lithontriprick, Alexipharmick and carminative: the Essence taken for 30 days together three times a day, in Rhenish-wine, breaks and expels the stone, and perfectly cures the Scurvy and Green sickness, and provokes the Terms; they are a good Sallet winter and summer, being boild: the juice only put into the nose often, cures the *Polypus*, and being put in with Vinegar, causes sleep: but here we mean the Inspissate juice. If the herb be bruised with a little leaven and fermented, you may extract by distillation, an antiscorbutick spirit, prevalent to all the purposes aforesaid.

429. *Nasturtium Græcum*, *Δαδύλα*, *Dioscoridis*, Turkey-Cresses, hot and dry in 4°. They evacuate Flegm, are pectoral, and expel wind.

440. *Nasturtium Sylvestre*, *Iberis*, *Iberis Cardamantice*, *Sciatica*-cress, hot and dry in 4°. like the Garden cress; a kind of *Cardamine* or Cuckow-flower: the roots gathered in Autumn, and made into a Cataplasim with hogs lard, helps the *Sciatica*, being applied thereto four hours bathing the place after with warm water, and anointing it with Oyl, and then applying over it a plaister of *Diapalmæ*, and a catskin, to keep it warm.

441. *Negunda*, wound-tree; it is male and female: their leaves smell and taste like sage, but are more sharp and bitter: the Fruit

has meerly the tast of Ginger: the leaves, flowers, and fruit bruised and boiled in Water or Oyl, are good against all wounds, bruises, strains, tumours, aches, joint-diseases, and old ulcers, performing all the intentions of curing: The Indians use the decoction to help Conception.

442. *Nerium*, *Oleander*, *Rosebay*, it is said to kill, being taken inwardly; but others say, that the flowers and leaves may not only be taken inwardly, but help the biting of Serpents, though they kill most other Creatures: It is a doubtful medicine, and better let alone than taken uncertainly.

443. *Nicotiana*, *Nicotiana Peruviana*, *Petum*, *Tabacum*, *Tabacco*; hot and dry in 2°. I rather think in 3°. It dissolves, resolves, cleanses, purges, vomits, stupifies the brain, resists poyson, easeth pain, and is a very great vulnerary. The external application of the juice, or leaves moistened and beat with a little wine, to the Head, easeth the Megrin, and other pains thereof; to the joints, the pains of the Gout; to the hips, the *Sciatica*; to the teeth, the tooth-ach; to the Skin, it remedies all its deformities and beautifies it; to kived heels, it heals them; to the shins, the pains thereof, proceeding from the French disease: made into an oynment (which see *Synopsis Medicinæ*, lib. 3, cap. 58. Sect. 15.) or Balsam. It cures all manner of tumours, wounds, ulcers, old sores, fistula's, scabs, breakings out, itch, bitings or stings of venomous Beasts, punctures of the nerves or tendons, though made with

G poi-

poisoned weapons, happening in any part of the body from head to foot it cures scalds, burns, piles, and gouts of all sorts : A Decoction thereof does the same ; so also the Essence : The Essence taken ʒj. in wine is Emetick, and cures Agues and fits of the Mother, at twice or thrice taking ; being dropt into the Ears it helps deafness : bathed upon the region of the bladder it breaks the stone, and easeth the pains thereof ; bathed upon the sides it helps the Rickers ; upon the Navel, suffocation of the Womb : and in fores and ulcers it fetches the filth and rottenness from the very bones ; it cures Gangrenes, Carbuncles and Plague-sores : so the chymical oyl : which see *Dr. Med. lib. 2. cap. 1. Sect. 17.* It eases in a minute all manner of pains whatsoever, and cures the Leprosie. It is called *Nicotiana*, from Capt. *Nicot* a Spaniard, who first found it out

444. *Nigella*, Gith, black Cummin, or Fennel-flower, hot and dry in 3°. See the seed, chap. 7.

445. *Nigella Romana*, flos Divoe Catherine, *Melasperrum*, *Melastom*, Katherine-flower. See the seed, chap. 7.

446. *Nigellastrum*, Githago Tragis, *Pseudomelanthium*, Cockle, hot in 2°. dry in 3°. The seed made into a pessary, and put up with honey, provokes the terms: given in powder it helps the yellow jaundice: the decoction of the herb breaks and excrets the stone: it is good against the stinging of serpents, the plague, cleanses and heals old ulcers.

447. *Nummularia*, *Centummaria*, Moneywort, or herb two-

pence, cold and dry in 1°. It is pectoral, astringent, and vulnerary: the juice or Essence drunk in wine, helps the bloody flux, all other issues of blood, as vomiting and spitting blood, the terms and whites in Women: as also all lasks and inward wounds: it being a very excellent traumatick herb.

448. *Nux Vesicaria*, *Staphylodendron Plinii*, *Pistacium Germanicum*, Bladder-nut ; temperate and moist in 1°. It troubles the stomach, therefore it is not usually eaten: but is sometimes used to break the stone.

449. *Nux moschata*, vel *myristica*, *Kaprovit* ʒi ʒi, Nutmeg-tree. It grows in the West Indies, in the Island Banda, Molucca, &c. The Nutmeg hath a double bark ; the outwardmost thick, like the green shells of Walnuts ; the innermost thinner, which goes about the Nutmeg as a Net, first red, then yellow, which is the mace of the shops ; which see chap. 2. sect. 20. The Fruit it self see chap. 6.

450. *Nymphaea*, *Nenuphar*, *Adonis Evodori*, Water lilly, cold and dry in 3°. It is either white or yellow: the great white lilly is best, which is alwaies intended when *Nymphaea* is prescribed ; but for want of it, the yellow may be used. See the Root, chap. 1. sect. 95. the leaves and flowers have the same Vertues: outwardly they are used in Fevers, and to cool Inflammations.

451. *Oculus Bovis*, *Bonphthalum*, *Bueo* ʒi ʒi, Ox-eye ; hot and dry in 2°. The flowers are sharper and hotter than those of Camomil ; they are good to dis-

solve

solvet cold and hard swellings and the stone.

452. *Oculus Christi*, Wild clary hot and dry in 30. It clears the sight, and has all the vertues of the Garden-Clary, which see *sect.* 307.

453. *Oneoplia non Spinosa*, the great Jujube-tree. See the Fruit, chap. 6.

454. *Olea*, Ἐλαια, Olive-tree, cold and dry in 10. The leaves dry and bind, used outwardly in fluxes of the belly, terms, herpes, St. Antonies-fire, Night wheals, Carbuncles, eating Ulcers and *Epinyctidis*. See the Fruit, chap. 6.

455. *Oleaster*, Ἀγριολαία, wild Olive tree. It has the vertues of the manured Olive: the flowers are a perfume.

456. *Olibanus*, *Arbor Thurifera*, Λιβανός Frankincense tree. See the Bark, chap. 2. *sect.* 34. and the Gum, chap. 8.

457. *Onobrychis*, *Glaux Gessneri*, Ονοβρυχί, Red Fitchling, Medick Fitch, Cocks head; temperate: it rarifies, attenuates, wastes; is emollient, and diuretick: made into an Essence it provokes Urine and the Courses; but the dried leaves drunk in Wine, strangle: made into a balsam, it wastes hard swellings, and waxes Kernels.

458. *Ophioglossum*, *Lingua Serpentis*, Ὠφιογλωσσός, Adders Tongue, hot in 10 dry in 3. It is Antisebritick, Alexipharmick, Traumatick, Vulnerary, & Segnotick: The Essence heals all Wounds, Vomitings, stops all fluxes of blood, and the whites; It cures all feavers and heats in the body, and the bitings of Serpents, and venemous Creatures:

outwardly in a Balsam it heals all green Wounds, bitings of venemous Creatures, St. Antonies-fire, burns, scalds, hot tumors, Apostumes, spreading sores and Ruptures.

459. *Ophioscorodon*, Ὠφιοσκόρον, Vipers garlick, hot and dry in 40. It's in a mean between Leeks and Garlick; Alexipharmick, Pectoral, and of the nature of Garlick: which see *sect.* 23.

460. *Orchis Palmata*, Fenne-Orchis or Dogs stones; the roots boiled in red wine and drunk stop fluxes: the Marsh Orchis is more strong in procuring lust, than any other of the Dog stones.

461. *Oreoselinum*, Mountain-parsly, hot and dry in 30. It attenuates, opens, provokes, breaks, and expels the stone: It opens obstructions of Liver, Spleen and Gall, helps the Jaundice & Dropsie, provokes Urine, and the Terms; is Alexipharmick, Traumatick, Pectoral and Anodyne, having all the vertues of Smal-lage, but stronger.

462. *Origanum*, Organy of wild Marjoram, hot and dry in 30. It is Liptyntick, Segnotick, discussive, carminative, traumatick, diuretick, emmenogogick, analeptick, alexipharmick, pectoral, stomachick, cardiack, splenetick, and hysteric. It cures wounds made by venemous beasts: the Essence drunk with Canary, helps such as have taken too much *Opium*: it helps Dropsies, old Coughs, Asthma, Scabs, Itch, Scurvy, and Yellow-Jaundice: it loosens the belly, purges choler, opens the Spleen, helps against vomiting; strengthens the heart, and is the Antidote against

against all mortal poysons.

463. *Ornithogalum*; Ὀρνιθογόλον. Bethlem-star, temperate: It is not much used in Physick, but the Root serves for meat or food: being roasted in Embers, mixt with honey, and applied, it helps Phagedens, and dissolves hard tumors.

464. *Ornithopodium*: Ὀρνιθοπόδιον. *Pes avis*, Birds-foot, cold and dry in 10. It is traumatick, vulnerary, and lithontriprick: *Bauhin* says, the tuberous or knotted Birds-foot helps Ruptures, breaks the Stone in the Reins, and expels it.

465. *Orabanchi*, *Radix Squamata*, Ὀροσάγχη. Tooth-wort; it is Pectoral, Traumatick and Vulnerary; is good against all infections of the Lungs, wounds in the Intralls and the *Tormina*. *Bauhin* saith, That applied it helps Fraictures and Ruptures, more especially if ʒij. of the powder, mixt with ʒj. of Comfry-roots in powder, be drunk in both for 40 days together. *Clusius* says, That with berries is sharp and drying, and the decoction of the root helps the Colick. *Alysius* says they are both hot and dry (I judge in the 10.) and are used in vulnerary potions: The root is chiefly in use.

466. *Orobis*, Ὀροβίς, Bitter Vetch, hot in 10. dry in 2. It is bitter, cleansing, cutting, opening, and diuretick: if too much used, it brings away blood by urine: with honey it is pectoral, and purgeth forth gross humors from the Lungs: the best is the yellow, being earthy, drying, and without manifest heat; it causeth head-ach, and troubles the belly:

See the Grain, chap. 7.

467. *Oryza*, Ἀرز, seu Ἀρζι, Ὀρυζαν. Rice; temperate and dry in 20. See the Grain, chap. 7.

468. *Oxyacanthus*, *Sina acuta* & *alba*, Ὀξυάκανθος, Hawthorn, cold in the 10. dry in 30. the leaves are drying, astringent, vulnerary, and stop all sorts of fluxes. See the Fruit, ch. 6 the Flowers steeped three days in Rhenish-wine and distilled, that water or spirit is a specifick in the Pleurisie, the Colick, and all other grievous pains, even in a moment.

469. *Peonia*, *Dulcisida*, *Aglaophoria*, *Monogonion*, Γλυκύσις ἢ Παιονία, Peony. It is hot and dry in 2°. is male and female: the male has blackish bright leaves, like the Wall-nut, with a thick, white Root, and manifold: the female has leaves on both sides green and smooth, a rough stalk, a full single flower, and like the hellebore in leaves, the root having about 6, 7, or 8 long knobs cleaving to it, but not so many as the male. See the Root, chap. 1. sect. 102. The leaves are seldom used, though I know no reason why they should not contain a proportional part of vertue: the Flowers, See Chap. 5. the Seed, chap. 7. of the Root is made a *Facula*.

470. *Palma*, Φείνη, Date-tree, cold and dry in 1°. The leaves and tender sprigs dry and bind much, are Vulnerary, and cool inflammations: eaten they refresh the Stomach. See the Fruit, chap. 6. which is called *Dactylus*.

471. *Palmula* *Chameriphes*, wild Date-tree, cold and moist in 1°. The Fruit, taken as meat, is windy, and creates raw hu-

mours:

mours: it is good pickled, or eaten with pepper and salt.

472. *Palma Christi*, *Ricinus*, *Caputia major*, *Pentadactylon*, *Kin* *ἡ Κρότων*, Great Spurge, hot and dry in 30. The Seed taken inwardly is Emetick, and loosens the belly, purging forth choler, flegm, and watery humours strongly: the decoction thereof helps the Dropsie, Jaundice, Sciatica, Gout and Colick. The Oyl of the Seed is called *Oleum de Kervia*, or Oyl of the infernal Fig. It is drawn by expression. is cosmetick, warms, and takes away hardness. You may give the Seeds in substance to No. 10. or 12. The *Ricinus Americanus* has the virtues of the former, and purges strongly upwards and downwards: the dose is half a Kernel.

473. *Pallurus*, Jews-thorn. It is drying & binding, stops fluxes.

474. *Panacea Indica*, Indian-all-heal; it is traumatick and vulnerary, curing almost all diseases: the juyce rubbed upon the Arteries causes sweat.

475. *Panax*, *Πανάξ*, All-heal, hot and dry in 30. The Essence is a great traumatick, and vulnerary: mixed with honey like an Unguent, it cures Ulcers and Wounds, and covereth naked bones: the Seed is alexipharmick, and is good against the biting of venomous Beasts.

476. *Panax Coloni*, *Stachys Palustris*, Clowns all-heal, hot in 20, dry in 10, it has all the virtues of the former.

477. *Panax Heracleus*, Bastard All-heal; This is that plant from whose root, being cut, flows the Gum called *Opopanax*, which see in its proper place.

478. *Paludapian*, *Apium rusticum*, *Eleoselinum*, *Ἐλεοςελινόν*, Smallage, hot and dry in 20. the Essence thereof cleanses, opens, attenuates, discusses; it is traumatick, vulnerary, diuretick, lithontriprick, and antifebrick. It heals old and malignant sores and Ulcers, helps the yellow Jaundice, long, tedious Agues, Ulcers in the mouth and throat, exulcerated cankers, the bitings of Spiders, whitloes, &c. The Seed breaks the Stone.

479. *Panicum*, *Μέλις*, *Ἑλίου* *ἡ ἑλίου*, Panick, cold and dry in 10, the bread that is made thereof is brittle, cold, dry, and of little nourishment, not so good as that made of Barly: The grain boiled in Goats milk, and drunk twice a day, cools & dries much: for petty Panick, see *Phalaris* following, *sect.* 504.

480. *Papaver sativum*, *Μήκον*, Garden-poppy, cold in 40, moist in the 20. It is Narcotick, hypnotick, and Pectoral: It stops Rheums, and all manner of Fluxes; it is good against vomiting, hoarseness, coughs, and consumptions; it eases pain; and outwardly, the juyce mixt with honey cleanseth Ulcers, and digests green Wounds, See the *Flowers* chap. 5. and the *Seeds* chap. 7. See the *Syrups* in our *Dor. Med.* l. 20. chap. 16. *sect.* 17.

481. *Papaver Erraticum*, *Πόταρ*, Wild Poppy, or Corn-rose: It has the temperature and virtues of the former, but more effectual to the intentions; it is used in Feavers, Pleurisies (against which it is a specifick) Quinsies, mother-tits, and diseases of the Breast; it cools violently, and

causeth sleep, and alleviates pain. A tincture of the Flowers in spirit of Wine, stops the Flux of the Terms. See the Flowers, chap. 5. and Seed, chap. 7.

482. *Papaver Spumellum*, *Ocymastrum alterum*, Μικρὸν ὀπώδινον, Spating Poppy; cold and dry in 2°. Some think this to be the *Behen album*, but it is a mistake. The Root is good against the Bloody-Flux, and other Lasks, yet provokes Urine, helps the Stranguria, Sciatica, and pains about the Neck: The leaves and flowers beaten and applied, are good against the stinging of venomous Beasts; the distilled water helps the Megrim: the Seed taken ʒij. at a time, purges flegm, and taken in Mead or honied water, it causes Vomit, and is especial good for such as are troubled with the falling-sickness.

483. *Papyrus*, Πάπυρος, Paper-reed, hot and dry in 2°. It is also called *Papyrus Nilotica*, because it chiefly grows upon the Banks of *Nilus*. The Roots being chewed do nourish: the ashes abate hard Apophumes in the body, and heal corrosive Ulcers; chiefly in the mouth; so also the ashes of the Paper made thereof.

484. *Parietaria*, *Herba muralis*, Πάριετιον, Pellitory of the Wall, cold and moist in 1°. It is emollient, cleansing, opening and Diuretick: it opens all obstructions of Liver, Spleen, Gall, Reins, Bladder and Womb. It is Pectoral and Traumatick, curing Coughs, Ulcers in the Lungs, Dropsie, Dysury, Gravel and Stone. The Essence is good to all the intentions aforesaid. Outwardly it is used in wounds,

burns, scalds, tumours, ulcers, and Erysipelas's; made into a Balsam with Goats suet, it is prevalent against the Gout and Piles.

485. *Paronychia*, *Reduvia*, *γαργυρία*, Whitlock-grass, hot and dry in 3°. It is of thin parts, not without heat and sharpness; it cures the whitlow upon the fingers ends, being an excellent Digestive: And Experience has confirm'd it to be a great Specifick in curing of the Kings Evil, being given only in Small-beer, not very many days together; it wafts the peccant humour, discusses the unbroken tumours, and heals the broken ones. See Boyle's Philosophy, pag. 203.

486. *Pastinaca latifolia sativa*, *Elaphoboscum sativum*, Ἐλαφοβόσκον, Garden-parsnip; temperate. See the Root, chap. 1. sect. 99. For the Cow or wild Parsnip; see *Sphondylium*, following.

487. *Pastinaca tenuifolia*, Στρογγύλη, Garden-Carrot, temperate and moist in 1°. See the Root, chap. 1. sect. 98.

488. *Pastinaca tenuifolia sylvestris*, Στρογγύλη ἀγρίη, Wild-Carrots, hot and dry in 2°. Both Root and Seed open obstructions, provoke Urine, and the Terms, expel the Birth, Water, and Wind, help the Dropsie, Colick, Rits of the Mother, and bitings of venomous Beasts; they provoke Lust, and help Conception. The wild Carrot of *Candia* is called *Dauras*, which see sect. 110. aforegoing.

489. *Pastinaca Aquatica*, Σium, Σίου, Water-Parsnip; hot in 2°. moist in 1°. It digests, opens, provokes Urine, and the Terms, expels Stone, Gravel, and Birth; the Essence

Essence helps the Palsie, and causeth Lust

490. *Pepo*, *Pepo cucumeralis*, *Σίκυον*, *πέπων*, Pompion, cold in 3°, moist in 2°. The Pulp of the Fruit is cleansing and diuretick; being boiled it loosens the body; boiled in Milk and battered, it is wholesome, and helps a hot stomach, and inflammations of the Bowels; so also sliced and fried with Butter; but baked with Apples is flatulent or windy: the raw Pulp applied helps inflammations of the Eyes.

491. *Pepo Sylvestris*, wild Pompion, hot and dry in 2°. It is bitter, and cleanseth as the wild Cucumber doth: Wind put into the Rind, and kept there till it is bitter, purges forth flegm and choler: the dried Juice is like that of the wild Cucumber, and may be used instead of *Elatærium*.

492. *Percepier*, Parsley Stone-break, hot and dry in 2°. It is of very subtle parts, a great Diuretick and Lithonriptick: it cleanses the Kidnies and Bladder of Stone and Gravel. *Mylius* saith, the Decoction of the Root causes vomiting, and stops the Belly.

493. *Perfoliata*, *Perfoliatum*, *Διακούριον*, Thorow-wax, hot and dry in 2°. It is a good Traumatick and Vulnerary; the Essence given inwardly in Rhenish wine, and outwardly made into a Balsam: it is chiefly used in Wounds, Hernia's, Tumours of the Joins, hot inflammations, and the Kings-Evil.

494. *Periclynum*, *Caprifoli-um*, *Ματρίσυλον*, *Παικλόφυλον* και *πεικλόφυλον*, Woodbind, or Honey-Suckles, hot and dry in 10.

It is a strong Diuretick, Splenetick and Pectoral: It cures Coughs, Asthma's, and Ulcers of the Lungs: outwardly it is a good Vulnerary: See the *Flowers*, Chap. 5.

495. *Periscaria*, *Hydropiper*, *Αρσμάριον*, Arsmart, hot and biting; hot and dry in 4°. It is an excellent Vulnerary, and externally in a Cataplasm it dissolves Tumours, and heals Ulcers; dissolving cold swellings and congealed Blood: The simple distilled water is accounted one of the most excellent things in the World to break, dissolve, and bring away the Stone; and is by several persons of Quality kept as a very great secret; applied to the Tumour called a Fellon on the Fingers ends, as also to the Gout, helps the pain presently; and a little of it put under the Saddle of a tired Horse, makes him travel fresh and lustily again.

496. *Periscaria maculata*, *Plumbago*, spotted Arsmart, or wild Arsmart, cold and dry in 2°. It kills Worms, and is excellent good to heal Wounds and putrefied Ulcers.

497. *Periscaria filiquosa*, Codded Arsmart: It has the Temperature and Vertues of the *Hydropiper*.

498. *Pes Anserinus*, *Atriplex sylvestris*, *latifolia*, *Cheupodium*, Goose-foot (called by some wild Arach) cold and moist in 2°. It is held to be deadly, being taken inwardly, and operates as Garden Night-shade: It is reported, that it will kill Swine if they eat it.

499. *Petastis, Percolata Plinii, Iphium Theophrasti, ΠΕΤΑΣΤΗΣ*, Butter-bur, hot and dry in 2°. It is Sudorifick, Alexipharmick, Diuretick and Emmenogogick: It is bitter and of thin parts; it attenuates, opens, digests, expels Wind, Plague, and Pestilence, helps fits of the Mother, is Pectoral, and expels tartarous Mucilage from the Lungs: it is a good Antifebrick, and being outwardly applied, is good against Buboes and malignant Ulcers: It has the same Virtues and properties with *Cassus*.

500. *Petroselinum, Πετросελίνον*, Stone Parsly, hot and dry in 2°. It attenuates, opens, dissolves, cleanses; is Diuretick, Lichentripick, Pectoral, Hepatick, and Uterine. It opens all Obstructions of the Lungs, Liver, Spleen, Gall, Reins, Bladder and Womb; expels Wind, Gravel, Stone, and provokes the Terms; helps Asthma's, Ulcers in the Lungs, and spitting of Blood. Outwardly it dries up Milk in Womens Breasts, and discusses hot Tumors.

501. *Petroselinum Macedonicum*, Macedonian Stone-Parsly, hot and dry in 3°. It has all the virtues of the former, for which it is more powerful: It helps the Colick, *Tormina*, pain in the sides, Kidnies and Bladder, and is an excellent Counter-poyson; it provokes sweat, and expels the Plague.

502. *Pucedanum*, Hogs Fennel or Sulphur wort, hot and dry in 2°. It waists the Spleen, cuts, digests, and attenuates; the Root is chiefly in use, which see Chap. 1. Sect. 230. Besides which

Virtues it has a specifick property in the cure of Dropsies, being given ʒj. at a time in Rhenish Wine: See our Dor. Med. Lib. 1. Cap. 1. Sect. 7.

503. *Phalangiwn, Phalangites, Φαλαγγιον*, Spider-wort, hot in 20. dry in 1°. It is of thin parts, and Alexipharmick, i.e. the whole Plant, Roots, Leaves, Flowers, and Seed: the Roots are so powerful, that they expel Poyson, though it be universally spread through the whole Body.

504. *Phalavis, Petty Pannick*: It is of the temperature and nature of Miller; the Juice and grain are good against pains of the Bladder: It is wonderful drying and styptick.

505. *Phaseolus*, Kidney-Bean, Temperate: The Bean is of good nourishment, is less windy, and loosens the Belly more than Pease; of the Straw, a Salt is made which expels Urine, opens the Reins, and is very effectual against the Dropsie.

506. *Phillyrea, Alcanna Arabum, Φιλλυρέα*, Mock-Privet: It is drying and binding; the leaves chewed in the mouth, help Inflammations and Ulcers thereof. The Essence helps burns and scalds: The Flowers moistned with Vinegar and applied help the Head-ach. The Oyl hereof is sweet (like *macaleb*) and heats and softens the Nerves.

507. *Picea, Abies Mas, ΠΙΤΥΣ*, Pitch-Tree: It is of the nature and temperature of the Fir-Tree. See the Tar in Chap. 8. following.

508. *Pimpinella, Bipinella, Σαν*

gnisforba, *πυμνίβελε*, Burnet, temperate and dry in 1°. It is Segnotick, Pectoral, Traumatick, Vulnerary, and Alexipharmick: It stops the bloody Flux, and all Lasks, the Terms and Fluxes of blood in Women. It stops Catarrhs, cures Consumptions, exhilarates the spirits, and helps the trembling of the heart. It is good against the Plague and malign Feavers; prevents abortion, and is of a pleasant taste.

509. *Pimpinella saxifraga*, Burnet, Saxifrage, hot and dry in 3°. It is of thin and subtile parts, Sudorifick, Lithonriptick, Traumatick, Vulnerary, Pectoral, Carminative and Deobstructive. It is chiefly used to prevent and cure poysens, whether actual, as Mercury, Orpiment, Solanum, Hyosciamus, Aconitum, Thora; or Potencial, as the Plague, pestilential Feavers, small Pox, French Pox, &c. It breaks, dissolves, and expels the Stone and Gravel, helps the Strangury, *Ishuria*, Colick, Coughs, Asthma's, Ulcers in the Lungs: and outwardly is Cosmetick, heals Wounds and Ulcers, ripens Tumors and Cancers, and cures the Tooth-ach.

510. *Pinus*, *πεύκη*, Pine-tree: It has the Temperature and Vertues of the Fir or Pitch-tree. A distilled water of the green buds is Cosmetick, and takes away wrinkles from the face; and laid on Virgins Breasts with Linnen Cloths, keeps them from waxing large. See the Fruit, Chap. 6.

511. *Pinaster*, *Pinus sylvestris*, Wild Pine; temperate and dry in 2°. It astringes, and has the Vertues of the former. The Oyl

of the Wood (called *Oleum Templinum*) cures the Itch, and consumes Warts after they are cut.

512. *Pinguicula*, *Consolida*, *Quinquefolia*, *Diapensia*, *Diavresia*, Butterwort, hot and dry in 3°. It is of thin and subtile parts, cuts, opens, discusses, is Alexipharmick, Diuretick, Cathartick, and Vulnerary. It heals Ruptures in Children, and helps hands chape by the wind: A Syrup made of it (as of Roses) purges well; and being put into a broath, purgeth Flegm effectually.

522. *Piper*, *πικρόν*, Pepper, hot and dry in 4°. It is a Plant which grows about trees like Bindweed. See the Fruit, Chap. 6.

514. *Piperitis*, *λεπιδιον*, Dittander or Pepper-wort, hot and dry in 4°. It is bitter, and of a burning quality, raising Blisters by its heat. It helps Gouts, Sciatica, and other inveterate Griets of the Joints, being bruised (Leaves or Roots) and mixed with old *Axungia*, and applied. The juice drank in Ale or Rhenish Wine, provoketh the Terms, and causes speedy delivery to Women in Travel: It is an excellent Sawce for cold Stomachs, eases the Tooth ach and pains of the Spleen, and is indeed one of the greatest Cosmeticks.

515. *Pisum*, *Cicer*, *πίσσην* & *λεπιδιον*, Pease. See *Cicer* Sect. 161. and Chap. 6.

516. *Plantago*, *Heptanervon*, *Mulinerva*, *Ἀριόγλωσσον*, Plantain, cold and dry in 2°. It is Stomatick, Hepatick, and Vulnerary; it cures old Ulcers, Issues, Rheums, the bloody Flux, and all manner of Fluxes, stops vomiting, and strengthens the

Sto.

Stomach: It stops the Terms and Whites; opens Obstructions of the Liver and Kidneys; and heals Ulcers, and soreness of the mouth and Privy parts. It cures the Jaundice; and the juice dropt into the Ears helps their pains. It is good against spitting of blood, Diarrhœas, and Diabetes. It restores luxations and broken bones, and applied cures Cancers in the Breast.

417. *Platanus*, $\pi\lambda\acute{\alpha}\tau\alpha\nu\delta$, *Scorvia*, Plane-tree, cold and moist in 10°. The Essence of the Leaves helps watering Eyes, Phlegmons, and other hot swellings and inflammations; being resolute and repercussive: the Bark boyled in Vinegar helps the Tooth-ach; and the ashes thereof helps scurf and moist Ulcers: the fruit is Alexipharmick, and helps the biting of mad Dogs, and other venomous Beasts; in a Balsam it helps burns and scalds.

518. *Plumbago Plinii*, *Molybdæna*, Lead-wort: hot and dry in 4°. The Leaves applied (as Sciatica-crêsses) with Hogs lard, helps the Sciatica, and other inveterate pains: some say, being only held in hand, they ease the Tooth-ach; the Essence is Cosmetick, and causes speedy delivery to women in travail. Authors say, the Herb is caustick.

519. *Pneumonanthe*, *Campanula* vel *viola autumnalis*, Calathian Violet, hot and dry in 20°. It cures the Rickets, and helps such as are lame in their Joints, and wearied by travel: it cures stitches in the sides, and helps all manner of Agues: as a Pessary, it draws forth the dead Child: the Essence is Traumatick and Vulnerary; it

has all the Vertues of Gentian (which see Chap. 1. Sect. 73.) but weaker: the Root is chiefly used.

520. *Polemium*, $\rho\acute{o}\lambda\epsilon\mu\iota\sigma$, Shrubby Trefoil, hot and dry in 20°. It is sharp and biting, is good against the stinging of Serpents, and opens the oppilation of the Liver and Spleen: the Root drunk in Rhenish wine helps the bloody Flux, provokes Urine, expels Gravel, and helps the Sciatica.

521. *Polium*, *Polium montanum*, $\rho\acute{o}\lambda\iota\sigma$, Poley Mountain hot and dry in 30°. It is Diuretick, Lithontriptick, Alexipharmick, and Emmenogogick: it helps the Dropsie, yellow Jaundice, pains and obstructions of the Spleen, bitings of venomous Beasts, opens and loosens the Bowels, expels the dead Child and Secundine, and is Vulnerary.

522. *Polygala*, *Flos Crucis* *Gentheri*, $\rho\acute{o}\lambda\upsilon\gamma\alpha\lambda\alpha$, Milkwort, hot and dry in 20°. A handful of it steeped all night in Rhenish wine and drank in the morning, effectually purges Choler: It is a kind of Glaux, and has the same Vertues; which see Sect. 281. *aforegoing*.

523. *Polygonatum*, *Scaldæoli*, *Sigillum Solomonis*, $\rho\acute{o}\lambda\upsilon\gamma\omega\nu\alpha\tau\alpha\sigma$, Solomon's Seal, hot in 20°. dry in 30°. It is eminent against the Whites in Women: The Berries (No. 13.) or the Roots and Leaves 3j. purge mucilaginous Flegm, upwards and downwards: Outwardly it is a Cosmetick: See the Root, Chap. 1. Sect. 112.

524. *Polygonum*, *Centummodia*, *Corrigiola*, $\rho\acute{o}\lambda\upsilon\gamma\omega\nu\omega\nu$, Knorgrass, cold and dry in 20°. It is astringent,

sence drunk in Wine, helps the Dysenteria, *Tormina*, Colick, Gout, Feavers, Inflammations and faintings of the heart: Outwardly it is Vulnerary, heals old sores, eating Ulcers, and Itch; dissolves knots, and takes away freckles.

532. *Primula Veris, verbosculum, ἀνιμυο*, Primrose, hot and dry in 10. It is Segnotick, Anodyne, Traumatick, Vulnerary, Cephalick, Arthritic, and Pectoral. It is used chiefly in Palsies, Apoplexies, Convulsions, Epilepsies and Gouts, and is eminent in all Diseases of the Breast and Lungs, it dissolves all tartarous Diseases of the Nerves, and is of great force in curing of the Kings Evil, and Tumors of the *Amygdala's, Uvula, and Tonsillæ*: the juyce of the root, as an Errhine, purges the Brain, and helps the Megrim; and given in Wine, or the powder of the Root ʒj. at a time purges choler strongly by Vomit, as also watrish and flegmatick humors. The Essence of the Leaves and Flowers cures the Frensie. The infusion of the Root in Vinegar, snufft up the Nose, cures the Tooth-ach wonderfully. *Schroder.*

533. *Primula Veris pratensis, Primula pratensis inodora*, Oxlip (the pale colour'd Cowslip) Temperate and dry in 10. It is called by some the Herb of Saint Peter, but I know not for what reason. A Conserve of the Flowers with fine Sugar is good against Epilepsies, Palsies, Convulsions, and other Cephalick Diseases. It has the vertues of the Cowslip and Primrose, but scarcely so effectual. See *Herb. Para-*

lisi, sect. 299. and sect. 532. *aforegoing.*

534. *Prunella, Solidago, vel consolidida minor, Symphytum, Petreum*, Self-heal; hot and dry in 10. It is Segnotick, Traumatick and Vulnerary. The Essence hereof taken inwardly causes all wounds inwardly and outwardly to heal: It operates as Bugle, Comfrey, and other Vulneraries: it is a great pectoral, and dissolves congealed Blood. It makes a good Gargarism in Quinsie, Sores and Ulcers of the Mouth and Jaws: a Cataplasim of the Herb ripens Plague-sores, and consolidates broken Bones. *Crollius* says, That the dried Root rubb'd upon an aching Tooth and Gum, till it fetches Blood, and then put into a pierc'd Willow, stopping up the whole with a peg of the same Tree, cures the pain by a magnetick power.

535. *Prunus, Κοκκυμινος*, Plum-tree (the Fruit *Κοκκυμινος*, *Prunum*, Prune or Damson, which see Chap. 6.) the Leaves of the Tree in a Gargarism with Rhenish-wine stop defluxions, and help swellings of the Jaws, *Amygdala's, Uvula, Throat and Gums*. The Gum is Glutinative, and drunk in Wine, is said to dissolve the Stone.

536. *Prunus Sylvestris, Spinus niger, Ἀγροκόκκινος*, Sloebush, or black Thorn: The leaves are cold and dry in 10. binding and stiptick, and stop all Fluxes. See the Fruit, Chap. 6.

537. *Prunellus*, Bullcise-tree. Plum-trees are of divers sorts, bearing fruit of various Colours, Figures, Magnitudes and Tastes. *Damask Prunes* or *Damascens*, are most wiled in Shops, and are accounted

counted the best; they are brought from *Syria* dried to *Venice*, and from thence to us: But some come from *Hungaria*, and some from *Moravia*. The Pulp of the Sloe is called *Acacia*, and is sold in Shops by that name: but the *Acacia vera* of the Antients is the juyce of the fruit of an Egyptian Thorn. The *Prunella* or *Praneola*, which our Grocers call *Prunella's*, are the Fruit of the Bullice-tree; those which are sold in the Shops come from *Brignola* in *France*, being first ston'd and dry'd, and then sent hither. In *England* this kind of Plum grows not so big as those which are sold to us; but our English Pear-Plum (so order'd) fully answers it. See the Fruit, Chap. 6. For my part, of all four Plums, I esteeme the *Prunella* the best, then the *Prune*: of those which grow in *England*, the Pear-Plum, and Bully, then the *Damason*.

538. *Pseudocytisus*, Ψευδοκυτίς, Bastard milk, Trefoil, it has the temperature and vertues of *Cytisus* or *Trifolium arborescens*, which see Sect. 204. foregoing.

539. *Pseudonarcissus*, Ψευδοναρκισσός, Bastard-Daffodil; the temperature and vertues are the same with *Narcissus*.

540. *Pseudoselinum Cancaalis*, Ψευδοσελίνοι, Bastard Parsly, hot and dry in 20. It is a good Porherb, and provokes Urine; it dissolves and expels the Stone, opens the stoppages of the Liver, Spleen and Reins; it comforts the Stomach, expels Wind, refreshes the Spirits, quickens the Sight, causeth Venery, cuts, cures, and digests raw humors;

it has all the vertues of *Apium* or Parsly, which see in Sect. 48. foregoing.

541. *Psyllium, Pelicaria*, Ψύλλιον, Flea-wort, cold in 20. and temperate. See the Seed, chap. 7.

542. *Ptarmica, Sternutamentaria, Draco sylvestris*, Πταρμική, Sneeze-wort, hot and dry in 30. The Jayce mixt with Vinegar and held in the mouth, helps the Tooth-ach: The Herb is of the nature of *Pyrethrum* (which see below:) being chewed and held in the mouth it is an *Apoplegmatism*, purges the head and brain of flegm, and as an *Errhine* helps the Head-ach, provoking Sneezing by its sharpness: It cures Dropsies, Quaran Agues, is Diuretick, Hydrotick, Anodyne, and Cosmetick.

543. *Penlegium Pulium*, Πενέγιον ή Βάληρον, Penny-royal, hot and dry in 30. It is of thin subtil parts, sharp and bitterish; it attenuates, opens, cuts, dissolves, is Diuretick, Lithonriptick, Emmenogogick, Hydrotick, Alexipharmick, Analeptick, and Anodyne. It is Cephalick, Pectoral, Uterine and Nephritick: It provokes Urine and the Terms, expels Wind, the dead Child, and Secundine; breaks and expels the Stone, cures the Jaundice and Dropsie; eases pains of the Collick, causes expectoration, and removes obstructions: Outwardly it eases pains of the Head, and Gout, causes watchfulness, and is Cosmetick. The Chymical Oyl inwardly given, and outwardly applied cures the Falling-sickness, Pal-sies, pains of the Head, Megrim, Lethargy, &c.

544. *Pulmonaria*, *Διχον*, Lungwort, cold and dry in 10. It cures Diseases of the Lungs, spitting of blood, Consumptions, and all Fluxes of Choler, It is Traumatick and Vulnerary, heals green Wounds, old Ulcers, Coughs, &c.

545. *Pulmonaria aurea*, *Corchoras Dalechampii*, Golden Lungwort, temperate and dry in 10. It is of the nature of the former.

546. *Pulmonaria arborea*, Tree-Lungwort or Moss, cold and dry in 10. It grows on Trees and Rocks. It binds very much, strengthens the Stomach, stays Vomiting, and stops all Fluxes, with the Whites in Women; besides which, it has the vertues of the former.

547. *Pasatilla*, *Apium risus*, Pasque-flower, hot and dry in 40. It bites extremely, and exculcerates, being taken by some for a kind of *Ranunculus*, or Crow-foot, to which it is not inferior. It attenuates, attracts, digests, purges, and is caustick; *Untzevus* says, it is good against Plague and Poyson; being chewed in the mouth, it draws out flegm and water. Some take *Apium risus* for *Ranunculus Aquaticus*, which see in what follows: but which soever it be, provided we mistake not the one for the other, 'tis not much material.

548. *Pyrethrum*, Pellitory of Spain, hot and dry in 40. See the Root, chap. 1. sect. 114.

549. *Pyrola*, *Limonium Cordi*, *πυρόλα*, Winter-green, cold in 20. dry in 30. It is a most singular Wound-Herb, used both internally and externally: made

into a Balsom with Wax, Oyl, and Turpentine, it heals wounds, cleanses Ulcers and Fistula's from callous matter, kills Cancers, incarnates and heals. Inwardly it is Traumatick, and heals Ulcers in the Kidneys and Bladder.

550. *Pyrus*, *Ἀγριοῦ ἄχρεας*, *ἄχρη*, Pear-tree; the leaves are cold and dry in 10. and stop fluxes. See the Fruit, chap. 6.

551. *Pyrastra*, wild Pear-tree; both leaves and fruit have the same temperate and vertues with the former: of all the Garden-Pears, the *Katherins*, *Burgundy*, *Royal*, *Windsor*, and *Warden-Pears*, are counted best.

552. *Quercus*, *Robur*, *Fovis arbor*, *Δεῦρος*, Oak-tree, cold in 10. dry in 30 (The Cup is called *Capula*, the Fruit *Glans*.) The leaves and bark are drying and binding, they stop fluxes of the Belly, Womb and Seed: They stop the Terms, Whites, spitting of Blood, and Gonorrhœa; the Salt is Diuretick and Lithontriptick: the Wood is of like use and vertues with *Guajacum*. See the Fruit, chap. 6.

553. *Quinquanfolium*, *Pentaphyllum*, *πενταφύλλον*, Cinquefoyl, five-leav'd Grass. The Herb has the vertues of the Root; which see chap. 1. sect. 103. Outwardly, the Juyce dropt into the Eyes, cools their inflammations, heals sore mouths, fastens loose Teeth, cleanseth foul and malignant Ulcers.

554. *Quinquenervia*, *Plantago minor*, *Lanceola*, *πενταπύρα*, Ribwort, or the lesser Plantane. It is cold and dry in 20. It is Segno-tick, Anodyne, Traumarick, and

Vulnerary, being altogether of the nature of the other Plantane. The distilled water helps spitting and pissing blood, and the Pissick; stops the Courses, eases the Colick, and heals a *Dysenteria*; cools inflammations, dissolves Nodes, and mundifies *Fistula's*: The Essence is better.

555. *Ranunculus, Βαρδαχιον*, Crowfoot, hot and dry in 4°. Roots, Leaves, and Flowers, are biting and exulcerating, they raise blisters, remove excrescencies, ease the Tooth-ach, and provoke the Terms: stiniped with Salt and applied, they help Plague-sores, extracting the Venom to themselves; with Vinegar it is a good Cosmetick.

556. *Ranunculus Aquaticus*, Water-Crowfoot. It has the Temperature and Vertues of the former; in both of which the root is chiefly used. Some take this to be *Apium risus*, it is doubtful; yet I rather encline to believe, that *Pulsatilla* is the true Plant so called.

557. *Raphanus, Ράφανος*, Radish, hot in 3°. dry in 2°. See the Root, Chap. 1. Sect. 116.

558. *Raphanus Sylvestris*, Horse-Radish, hot and dry in 3°. It has the vertues of the former, but is a Specifick against the Scurvy, Stone, and Terms stopt: Outwardly the Juice mixt with *Ol. piperis*, and anointed on the back-bone, and laid to the Pulses with common salt, it cures tertian and quarrian Agues.

559. *Raphanus Marinus*, water Radish, hot and dry in 3°. It has all the vertues of the Horse-Radish.

560. *Rapistrum, Lampfana Matthioli, Λαυραν*, Charlock, or Chadlock, hot and dry in 3°. The Seed is of the nature of Mustard-seed, it is absterfive, digestive, carminative, and warms the stomach.

561. *Rapum, Ραπων*, Turnep, hot in 2°. dry in 1°. The tender tops boyled, and eaten as a Sallet, provoke Urine: A Decoction of the Roots drank for 15 days together, cures Quartans: See the Root, Chap. 1. Sect. 115.

562. *Rha, Rhaponticum*, Pontick Rhubarb, hot in 1°. dry in 2°. See the Root, Chap. 1. Sect. 117.

563. *Rhabarbarum, Rhenbarbarum*, Vulgar Rhubarb, hot in 1°. dry in 2°. See the Root, Chap. 1. Sect. 118.

564. *Rhabarbarum Monachorum*, Monks Rhubarb, or Garden-Patience, or Dock. It has the Vertues of the former, but weaker. See Chap. 1. Sect. 119. The decoction of the Root helps the Bloody flux, Lasks of the Belly, and wambling of the Stomach, caused by Choler; cures spitting of Blood, Jaundice, Tympany, &c. R. Of the Roots sliced, Turmericke, ana ℥ss. Sena ℥iij. Aniseeds, Liquorice bruised, ana ℥ij. Agrimony, Scurvy-grass, ana Mj. steep all in four Gallons of strong Ale the space of three days, then for three weeks use the Liquor as ordinary drink, it cures the Dropsie, yellow Jaundice, Scabs, Uch, Mange, Green-sickness, Terms stopt, and purifies the blood.

565. *Rhodia Radix, Rhodium*, Alpine Rose-Root, temperate. See Chap. 1. Sect. 120.

566. Ra-

556. *Rapuntium, Rapa Sylvestris*, Rampion, cold and dry in 1°. The Roots are Segnorick; and especially used in Sallets, with Oyl, Pepper, Vinegar, and Salt, to help the appetite, cause good digestion, and encrease Milk in Nurser: it takes away Inflammations of Mouth, Throat, and Almonds; and is Cosmetick. See *Campanella*, Sect. 117. *aforegoing*.

567. *Rhus, Flutida Gaze*, *Pōs n pō*, Sumach, (the Seed is called *Eruthros*) cold in 30. dry in 2°. the Leaves stop all Fluxes of the Belly, Womb, or terms and whites, Hæmorrhoids, all issues of blood, and weakness of the Stomach and Intestines. Outwardly, it resists putrefaction, dries up running sores, heals old Ulcers, Gangrenes, &c. The Gum put into the teeth, eases the Tooth-ach. See the Seed, Chap. 7.

568. *Ribes, Cearothus levis*, Currans: See the Fruit, chap. 6. the leaves of the tree cool, bind and astringe.

569. *Ros Solis, Rosa Solis, Rorella, Sponsa Solis*, Sun-dew, hot and dry in the 4°. It is sharp, biting and caustick: the leaves bruised with salt raise blisters and exulcerate. It stirs up lust, provokes the terms, cures Consumptions, Epilepsies, Plague, Tooth-ach, Agues, Catarrhs, Prytick, Asthma, Cough, Wheezing, Fainting, and weakness of the Stomach: The Essence is good to the purposes *afore said*; so also the Spirit drawn off in an Alembick with Canary wine. The distilled water drawn off in a Glais-body, is of a glittering yellow, like Gold, and colours Silver of a golden colour if put therein. Outwardly

it is good against old Ulcers, and Fistula's: held in the mouth, it cures the Tooth-ach: hung about the neck it cures Madne's: applied to the pulses six hours, and then put 6 hours into water, and sometimes repeated, it cures Quartans. *Tinctura Roris Solis. R. Ros. Solis M. iij. Cinnamon, Nutmegs, Mace, Cloves, Ginger, ana ʒj. Musk gr. x. spirit of wine a gallon: digest all 20 days: then decant the Tincture, and dissolve therein fine white Sugar lbj. into which drop oyl of Sassafray ʒiss. mix, shake, digest, and keep them for use: This Tincture is effectual to all the former intentions, of which you may give a ʒiss. ad ʒj.*

570. *Roa, Pōsov*, Rose-tree. (The Reds are called *Anthera*, which see, Chap. 5. the whites *Unguis*) there are several sorts of Roses, of which the deep red, the white, and the damask are chiefly in use; but the Musk or Damask-rose is most famous; the others bind, this only purges.

571. *Rosmarinus, Rosmarinum, Δικαμνός σεραμωμάνη*, Rosemary, hot and dry in 3°. It is sharp bitter, cutting, subastringent, cephalick, uterine, cardiack, and alexipharmick. It is a help for most diseases of the Head and Nerves, as head-ach, megrim, carus, lethargy, apoplexy, epilepsie, convulsion, palse, dimness of sight, &c. It comforts the heart, revives the Spirits, cures a sinking breath, opens obstructions of the Liver, Spleen, and Womb, cures the Jaundice and Whites in Women. It is good against all Fluxes of blood, cold Rheums, wind, stoppage of Urine, and the

terms. See the Flowers, Chap. 5.
Sect. 5.

572. *Rubia, Rubia tinctorum*,
Ῥουβία Δαυα, Ῥουβία, Nicandri
Madder; temperate and dry in
2°. it discusses, dissolves, and is
Vulnerary: It stops the Terms,
hæmorrhoids; and bloody flux;
heals wounds of the chest and in-
trails, bruises, ruptures, and the
like; yet provokes Urine, opens
obstructions of the Liver and
Spleen, and helps the Jaundice.
The distilled oyl helps the Epi-
lepsy, Apoplexy, loss of Speech,
and Quarrens, and swelling of
the Spleen.

573. *Rubus, Rubus Idæus*, Field-madder;
It has the temperature and vir-
tues of the former.

574. *Rubus, Rubus Sylvestris*, Sen-
tis, Vepres, Batus, Βάτος, Bramble
or Black-berry bush, cold in 1°.
dry in 3°. the leaves astringe, help
Ulcers and inflammations of the
Mouth, Throat and Almonds, stop
fluxes, whites, terms, gonorrhœa:
the juyce of them with honey,
alom, and red-wine, fasten loose
teeth. See the Fruit, Chap. 6.

575. *Rubus Idæus, Rapis*, Rasp-
berry, temperate and dry in 2°.
It has the virtues of the former.
See the Fruit, Chap. 6.

576. *Rubus tricoccus*, dewber-
ry bush. It is a kind of bramble,
and of the same temperature and
Virtues.

577. *Rucus, Bruscus, Scopa re-
gia, Centromyrrhine*, Ὀξύμυρριν,
Butchers broom, hot and dry in
1°. It helps the head ach, yellow
Jaundice, opens obstructions, pro-
vokes urine and the terms. The
Essence with Sugar helps spit-
ting of Blood, a stinking mouth,
and cleanses the womb; the

young shoots are eaten like Aspa-
ragus. See the Root.

578. *Ruta, Ruta graveolens*, Rue, hot
in 3°. dry in 4°. It cures, attenu-
ates, digests, discusses, is alexi-
pharmick, carminative, diuretick,
hysterick, cephalick, and pecto-
ral. It roots out the venom of the
plague and other poysonous and
malignant diseases, and preserves
from the same. It expels all man-
ner of poyson, helps the biting of
mad dogs, stinging of Serpents,
and wounds made by other Ve-
nomous Beasts. It cures the Pleu-
risie, easeth the Colick, takes a-
way Surfeits, helps fits of the mo-
ther, and provokes Urine and the
terms. Outwardly, it helps also
the stinging of Adders or Ser-
pents; cures Agues by anointing
the Back with oyl thereof; Eases
the Megrims, head-ach and verti-
go, in an Epithem with Salt and
Vinegar, and applied to the Pul-
ses: taken much inwardly, cor-
rupts and consumes the Seed,
abates lust, and is hurtful for
Women with Child.

579. *Ruta mararia, Salvia vite*,
Wall-rue, temperate; *Mathiolum*
saith, That the Powder of Wall-
rue given for 40 days together has
a singular vertue in curing Chil-
drens Ruptures. It dries, digests,
discusses, and cuts the clammy
mucilage in the Lungs: it cures
coughs, Asthma's, Pleurisie, Spleen
pain in the Reins and Bladder;
provokes Urine, and breaks the
Stone; it easeth pains in the side
and the Colick: outwardly, it
makes hair grow, cleanses and
heals Ulcers, Struma's and other
sores. *Mathiolum* proves that this
was the *Paronychia* of *Dioscorides*,
but *Dodonæus* denies it.

H *Sabinæ*,

580. *Sabina, Savina*, Βραδυ-
Βραδυ και Σάρα pov Savine, hot
and dry in 3°. It is of thin subtil
parts, cuts, attenuates, discusses, is
diuretick and uterine. It provokes
the terms, expels both Birth and
after-birth, kills worms, and cures
Asthma's. The chymical oyl helps
the cold fits of Agues, and per-
forms the things aforesaid. A pes-
sary made hereof with Cresses,
and *Aristolochia rotunda ana*, and
Neats Gall, expels the *fœtus*. The
leaves stamped and applied with
honey, or the essence thereof, heals
Ulcers, *fla.s Phagedens*, dries the
fore heads of Children, and takes
away spots and freckles: The
powder of the leaves strewed up-
on excrescencies *sub præputio* cau-
sed by unclean women, does per-
fectly take them away: but if
they be inveterate, you must add
a small quantity of white preci-
pitate.

581. *Sagittaria, Magopistana*. Πι-
σάρα, Arrow-head, cold and dry
in 2°. It has the vertues of Pla-
tain: given in wine it helps all flux-
es, spitting of blood, Corrosion
of the Guts, Catarrhs, Consump-
tions, &c. So the Seed also helps
the Dropsie, and falling sickness.

582. *Salix, Itea*, Willow, cold
and dry in the 2°. The leaves and
bark stop all manner of Fluxes,
spitting and pissing of blood, they
cool the heat of Feavers: their
decoction in a bath helps tabid
or Consumptive members: and
taken inwardly quenches lust
wonderfully: outwardly it stops
the bleeding of wounds and an
hemorrhage: so also the *buds* or
Juli being laid on. And *Dios-
corides* saith, That ashes of the
bark, cure Warts and Corns,

being laid on: the *Mistleto* grow-
ing hereon, causes speedy deli-
very.

583. *Salvia, Sacra herba*, Ελσγι-
σπασ, Sage, hot and dry in 2°. It
is cephalick, pectoral, cardiack,
uterine, alexipharmick, analep-
tick, carminative, segnotick, ano-
dyne and diuretick. It quickens
the Senses and Memory, strength-
ens the head, nerves, and joynts,
helps Apoplexies, Megrims, Epi-
lepsies, Vertigoes, Paines, and
Convulsions; cures Pleurisies, and
Coughs, spitting of blood, consump-
tions, pains of the sides, stinging
and biting of Serpents and veno-
mous Beasts; stops vomiting and
all manner of fluxes, expels wind;
and dries up the dropsie, and
makes a good gargle for a sore
mouth; and is an especial
Antidote against the French
Disease: the distilled Oyl or
the Essence thereof is good for
all the purposes aforesaid. It pro-
vokes Urine wonderfully, and
brings down the terms. *Agrippa*
saith, That Sage being eaten pre-
vents abortion, cleanses the ma-
trix, and makes fruitful. See our
Dor. Med. lib. 1. cap. 1. sect.
92.

584. *Sambucus*, Άντι, Elder,
(the fruit *Grana æstis*, see *ix cap.*
6.) temperate and dry in 2°. The
whole Elder tree dissolves and
cures Dropsies; the leaves purge
water much, provoke urine, and
help the Strangury, yet trouble
the stomach: outwardly the green
leaves, stamped and applied with
Bulls tallow or Goose-grease, help
hot tumours, and the pains of the
Gout, discuss swellings, heal
scalds and burns, the biting of
mad dogs, and glew ulcers. An
Essence

Essence made of the leaves purge slimy flegm and choler, is traumatick and vulnerary, opens obstructions of Liver, Spleen and Reins, cures Melancholy, tertian and quartan Agues. See the *Bark*, chap. 2. sect. 29. the *Flowers*, chap. 6. sect. 61. the *Berries*, chap. 6.

585. *Santalum, Sandalum, Σάνταλον*, Sanders, cold in 3°. dry in 2°. See chap. 3. sect. 14. you may distill an oyl from the wood *per descensum*, very prevalent against the French-Pox.

586. *Sanamunda*, Heath-purge, hot and dry in 4°. It purges strongly, and evacuates choler, flegm, and watry humors &c. being given at a time in decoction of Cicers. It is of the nature of other Spurges.

587. *Sanicula, Diapensia Vulgaris*, Sanicle, hot in 2°. dry in 3°. It is bitter, absterfivè, segnotick, and vulnerary. The Essence helps all Fluxes of Blood inward or outward, as spitting and pissing Blood, the bleeding of Wounds. It cures all manner of Wounds, Ulcers, and old Sores; cures Ruptures and exulcerations of the Kidneys: It is pectoral and traumatick, consolidates, and heals, stops Womens courses, and a Gonorrhœa; the most excellent of all Wound-herbs.

588. *Saponaria, Σάπωνας*, Soapwort, hot and dry in 2°. It opens and attenuates strongly, and is sudorifick, and abates the inflammations of green wounds: &c. of the Seed in Powder drunk once a month, helps the Epilepsie; See chap. 1. sect. 122.

589. *Sarsaparilla, smilax aspera*,

Zarxaparilla, Salsaparilla, prickly Bindweed. See chap. 1. sect. 123.

590. *Sassafiras*, Ague tree; the Wood is hot and dry in 2°. the Bark in 3°. See chap. 2. sect. 30. and chap. 3. sect. 15. It is a great Tree growing in Florida (with a leaf like a Fig-tree) of an Aromatick smell and taste. The Bark is the best, especially if it comes from the Root; you may distill an Aromatick Oyl from the Bark and Wood in an earthen Retort; but by a Vesica with water, it will be much more pleasant and sweet; which Oyl not only helps barrenness, but is prevalent to all intentions they are used for.

591. *Satureia, Σύμμερον, Σύμμερος*, Thymbra, Savory, hot and dry in 3°. It attenuates, cutteth, cleanseth and discusseth, opens obstructions of the Stomach, Spleen and Womb, is Pectoral, Carminative, Alexipharmick and Sudorifick: It expels Wind, removes crudities, helps want of Appetite, suffocation of the Womb; provokes Urine and the Terms; and has the same vertue with Thyme, but not so strong. The Essence helps the Dropfie, Cough, and Asthma; as an Errhine, it helps the Lethargy and *Carus*; outwardly it discusses tumours; cures pains of the Ears, helps the Palsie, Numbness and Cramp.

592. *Satyrium, Orchis, Σάτυριον*, Satyrion, a kind of Dog stones; hot and moist in 10. There are many sorts of Satyrions, of which (though used promiscuously) the Shops chuse the *Cynosorchis*, or Dog-stones. The Roots of Satyrion purge upwards and downwards, and help old Quartans, as

also the decay of old age. See the Root, chap. 1. sect. 124.

593. *Saxifraga*, Σαξίφορα, Saxifrage, hot and dry in 3°. It opens, attenuates, is Diuretick, Lithontriprick, Emmenagogick Carminative and pectoral. It breaks the Stone in the Reins and Bladder, helps the Strangury, and Disury: provokes Urine and the Terms; expels Wind, the dead Child, and After-birth; comforts and warms a cold and weak Stomach; helps gripings of the Bowels, and the Colick; and is a singular Traumatick and Vulnerary, not inferior to Sanicle. See chap. 1. sect. 125.

594. *Scamonium*, Purging Bindweed, hot and dry in 3°. This is that herb which yields the Gum so called: See it in Chap. 8. following. See our Dor. Med. lib. 1. Cap. 3. Sect. 13.

595. *Scandix*, acus Veneris, Scandaria, Σκανδική, Shepherds Needle, hot and dry in 3°. It is A-naleprick, Diuretick, cleansing, opening obstructions of Liver, Spleen, Reins and Bladder, being of the nature of Chervil. It is bitter, sharp, and a little styptick; it helps the Strangury, expels wind, and makes fruitful: The Root is reported to be magnerick, being worn next the skin.

596. *Scabiosa*, Ψόρα, Atii, Scabious, hot and dry in 2°. It is of subtil parts, cutting, attenuating, and concocting thick gross humours: It is pectoral, Stomachicall, Nephritick, Alexipharmick, Traumatick, Vulnerary, and Cosmetick. It cures old Coughs, Asthma's, Pains of the Sides, Pleurisies, Stone, Gravel,

stoppage of Urine, biting of venomous Beasts, stinging of Serpents, Plague, pestilential Fevers, Measles, Small-pox, inward Sores and Ulcers. Outwardly it dissolves cold tumors, heals Wounds, Ulcers, Fistula's, scald Heads, Hamorrhoides, Tetter, Ring-worms, Itch; taking away all deformities of the skin as Freckles, Scurff, Morphew, Scabs, &c. from whence, as some think, it was called Scabious, or Scabwort; the which a so the Greek name imports. The Root of the great Scabious with the purple Flower, is as great a Specifick against the French-pox, as that of *Sarsaparilla*, if not greater.

597. *Schoenanthum*, *juncus odoratus*, Σχολανθος, ἀκούτιδος, καὶ Μυγδαλῶς, Camels hay, hot and dry in 10. It is Lyptinctick, Segnotick, Diuretick, Emmenagogick, Alexipharmick, and Aperient. It expels Wind, Urine, and Terms; helps inflammations of the Matrix, illness of the Stomach, Vomiting and Hicket; eases pains in the Reins, Bladder, and Womb; cures a stinking Breath, spitting Blood, pissing Blood, and Poyson. The Powder of it applied, heals creeping sores. Outwardly, it is a good Gargle for the Throat, and eases the Head-ach; the flowers or tufts help pissing Blood, Colick, pains of the Stomach, obstructions of Lungs, Liver, and Reins, Dropsies, Convulsions, or shrinking of Sinews.

598. *Schoenophrassum*, Σχονοφρασσόν, Civet, hot and dry in 4°. They attenuate, open, and are diuretick, being of the nature of Leeks,

which

which see sect. 528 aforegoing.

599 *Scolopendria Vulgaris*, *Lingua Cervina*, *Phyllitis Radiolus Apulii*, or *Harts-Tongue*, temperate and dry in 1°. It is Traumatick and Vulnerary, stops all Fluxes, helps spitting of blood, resists poyson, and is a specifick in the cure of the Rickets: it has the Vertues of *Asplenium*, or Spleenwort, which see sect. 63. aforegoing.

600. *Scordium*, *Exobryon*, Water Germander, hot and dry in 2°. It is Lyptintick, Absterfivè, Traumatick, Alexipharmick, Sudorifick, Anodyne, and Pectoral; it opens obstructions of all the principal parts, cleanseth the Intrails and old Ulcers; provokes Urine and the Terms; expectorates rotten matter out of the Chest; helps old Coughs, Asthma's, Pleurisie, inward Ruptures, biting and stinging of serpents, and potently resists poyson, plague and all pestilential Diseases: It exhilarates the Heart, cures the bloody Flux, comforts the stomach, and drives out the small Pox and Measles. Outwardly it cleanseth and heals Wounds and Ulcers, and cures pains of the Gout. The Essence is most effectual to the intentions aforesaid.

601. *Scorodonia*, *Salvia agrestis*, *Scordium alterum*, Wood-sage hot and dry in 2°. It is diuretick, sudorifick, and vulnerary: It heals wounds, helps the stranguery, palsy, and French disease. It digests Humours, dries up Ulcers and consumes Swellings, being taken for 40 days together in Decoction of *Guaiacum*,

602. *Scorodoprassum*, Great Mountain-Garlick, hot and dry in 4°. It attenuates, is pectoral, and dissolves the inconveniencies of Mineral fumes, helps Jaundice, Cramps, Piles, and other cold Diseases.

603. *Scorpioides*, *Telephium verum*, *Scorpioides*, Scorpion-Grass, hot in 3°, dry in 2°. The Leaves applied, helps the stinging of Scorpions. The Essence drunk in Canary helps against the bitings of Adders, Snakes, and other venomous Beasts. Made into a Balsam it is an excellent Vulnerary.

604. *Scorzonera*, *Viperina*, *Viperaria*, Vipers Grass, hot and moist in 1°. It is a great Cephalick, Cardiaek, Hysterick, and Alexipharmick. It is an Antidote against all manner of infections of the Plague, malign Feavers, biting of venomous Creatures and Poyson, especially the biting of Vipers, the Essence being drunk in Spanish wine: The Tuid Essence dropt into the eyes clears them, and helps most infirmities therein: It cures tertian and quartan Agues, Cachexia, Dropsie, Jaundice, French Pox, Melancholy, Epilepsies, Megrim, Vertigo's, and suffocation of the Womb; removes sorrow, and exhilarates the heart.

605. *Secale*, *Fiarrago*, *Siligo venterum*, *Ἠρίκα καὶ βύζαν*, Rie, hot and dry in 1°. It is of harder digestion than Wheat, yet of good nutriment to rustick bodies. The Meal is used to discuss Tumors, as the Erysipela's, Gout, &c. and to ease pains: The Leaven doth more strongly digest, draw, ripen, and break all Imposthumes and

piles, than that of Wheat: The distilled water of Bread helps the Dysentery and Vomiting: The Brain cleanseth, mollifies, and dissolves, laid hot in a bag: The Bread laid on to any part affected with pain, as hot as it can be endured, presently eases it; and if sometimes repeated, it takes it away; and so also it helps the palpitation of the heart, strengthens a weak stomach, and ripens Tumors.

606. *Securidica*, Hatchet-Verch, hot and dry in 1°. The Leaves and tender Crops open the stoppages of the Bowels, comfort the Stomach, resist the Plague, expel Poyson, and kill Worms: so also the Meal.

607. *Sene*, *Senna*, *Sene*, hot in 1°. dry in 3°. It is the common Purge for Cholera, Flegm, Melancholy, and watry Humors, drawing them gently from the Head, Liver, Spleen, and Joynts: It purges gently, and is safe for all Ages, Tempers, and Complexions; yea, Women with Child; but it often gripes. It is corrected by Cinnamon and Ginger, and quickned with *Sal Gem*, or Rheubarb, or Agarick: give in powder à ʒss. ad ʒjss. in infusion, à ʒss. ad ʒij. The Infusion purgeth better than the substance or decoction: It may be infused in Rhenish Wine, in which you may dissolve a little *Sal Gem*, and white Sugar: it purges Melancholy, cleanseth the Brain, Heart, Liver, Spleen, and Lungs causeth a fresh Countenance, cheers the Heart, clears the sight, cures old Fevers and Diseases caused by Melancholy, *Extractum Senne*. R. *Senna* ʒj. *Rhenish Wine* (sharpned with the Oyl of Tar-

tar per deliquium) ʒviij digest, then strain it gently, clarify and inspissate to a just consistence. Dose à ʒj. ad ʒj. *Tinctura sennæ* *Clossæi*. *Clossens* his Tincture of *Senna*, R. *Senna*, *Sal Niter*, ana ʒj. powder them, and fire them in a Crucible with a clear Coal: dissolve the ashes in distilled Vinegar, or spirit of Wine, filter, and evaporate. Then dissolve it again in Rosewater half a pint, filter, and add of the powder of *Senna* ʒiiij. digest 12 hours, then decant the clear tincture for two or three doses. Thus may the Tinctures of Rheubarb, Agarick, and other Purgers be made. The best *Senna* comes from *Alexandria*, with sharp pointed Leaves: the best next from *Italy* with blunt Leaves.

608. *Sedum*, *Sempervivum*, *Herba Jovis*, *Aithales*, *ἄειζων*, *Houfleck*, cold in 3°. temperate. It is Glutinative and Segnotick: It quenches thirst, allays heat, stops fluxes, and abates the violence of cholerick Feavers, being given in a spoonful or two of wine, or the juice mixt with sugar. Outwardly in a Balsam it cures burns, scalds, shingles, pains of the gout, creeping ulcers; hot inflammations.

609. *Selium sylvestre*, *Apium sylvestre*, *Συαρίδιον*, wild Parsly, hot and dry in 3°. The Root used as a Masticatory, draws Flegm out of the Head, helps the Tooth-ach, attenuates, opens, cuts, provokes urine, expels the stone, and brings down the Terms, having the virtues of the Garden parsly, which see sect. 48. *asoregoing*.

610. *Selinum segitale*, *Sium terrestre*, *Selinum sili foliis*, Corn-parshy, or Stonewort, hot in 2°. dry in 3°. Its virtues are the same with

with Garden Parsly, which see Sect. 48.

611. *Senecio, Erigerum*, Ἡ-
γέρον, Groundsel, cold and moist
in 1°. It is a good Emericke, it
dissolves, consolidates, and digests.
The Essence or Decoction of the
Leaves in Wine, helps pains in
the Stomach coming of Choler,
stops violent Vomiting, helps the
Jaundice, heat of the Liver, Sci-
atica, spitting of Blood, Womens
Fluxes, the Kings Evil, and kills
Worms: Outwardly, it cools ex-
cellently, eases inflamed Breasts,
cures scald Heads, Struma's, pain
of the Stomach, the Gout, and
heals Wounds.

612. *Serpillum*, Ἐρπύλλω,
Wild Time, or Mother of Time, hot
and dry in 3°. It is Lyptintick,
Aperitive, Diuretick, Emmenona-
gogick, Lithontriptick, Cephalick,
Spleneticke, Stomachick, Carmin-
ative and Uterine. It helps
Agues, Stranguria, Hicket, Stone,
Lethargy, Carus, Frensie, Meg-
grim, Colick, Convulsions, Mel-
ancholy, spitting of Blood, and
resists Poyson. Melancholy Peo-
ple may esteem this Herb as a
Jewel: It is a good Pectoral,
helps Coughs and Asthma's, dis-
solves congealed Blood, cleanses
the Breast, Lungs, Reins, and
Womb, kills Worms, and helps
the biting of venomous Beasts.
Outwardly, it is Anodyne, cures
Head-ach, Megrims, &c. use the
Chymical Oyl or Essence.

613. *Serratula, Serretta, Centau-
roides*, Saw-wort, hot and dry in
2°. It is a most excellent Wound-
herb, not much inferior to
Sanicle; it cures Ruptures and
the Pilos: That of Mexico is hot
and dry in 4°. the Powder of the

Root 2ij. drunk in Wine or Wa-
ter strengthens the Stomach, ea-
seth pains thereof, expels Wind,
eases the Colick, provokes Ur-
ine and the Terms, stirs up lust,
and helps all cold distempers.

614. *Sesamum, Sesama*, Σισάμω,
Oyly Pulse, Oyly Corn, hot and
dry in 1°. See Chap. 7.

615. *Seseli, Seseli Ethiopicum*,
Σισέλι, Hartwort, hot and dry
in 10. It is Pectoral, Hysterick,
Diuretick, and Lithontriptick: It
helps the Strangury, provokes
Urine and the Terms; expels the
dead Child and after-birth, helps
Coughs, Asthma's, shortness of
Breath, suffocation of the Womb,
and Epilepsie. The juyce of the
Leaves given to Beasts, causes
speedy delivery of their young.

616. *Sideritis Stratiotes*, Σιδ-
ερίτης, Iron-wort, temperate and
dry in 10. It stops Fluxes, cures
Ruptures, prevents Inflammations,
helps the biting of mad Dogs, and
is Vulnerary, speedily curing all
manner of Wounds.

617. *Siler montanum, Seseli, Mas-
silioticum*, Bastard-Lovage, hot
and dry in 3°. It is two-fold,
viz. 1. with a ferula-leaf, but they are
both used promiscuously; yet
when we use the name of *Siler
Montanum*, the first is generally
intended; the other is called
Rock-fennel. Schroder saich, It
cuts, opens, dissolves, is cephalick,
and Pectoral. It is used chiefly
in Diseases of the Head, as Epi-
lepsies (given in the whole sub-
stance) Apoplexies, Megrims,
weakness of sight, Cramps, &c.
In Diseases of the Breast and
Lungs, as Catarrhs, Coughs,
Asthma's, &c. In obstructions of

the Liver, as Crudities, Cachexies, Dropsies, &c. it expels Wind and the Stone, both in the Reins and Bladder, provokes Urine and the Terms, and is an Antidote against Hemlock. It helps fits of the Mother, Agues, Quinsies, &c. provokes sweat: outwardly, it is an excellent Wound-herb, helps Cramps, Convulsions, coagulated milk, fulness of the Womb. The Seed is chiefly used.

618. *Siliqua, Ceratonia*, Carob-Tree, called St John's Bread, cold and dry in 1°. The Fruit or Cods, which contain Honey-like juyce, is only used. See it, Chap. 6.

619. *Sinapi*, Σινάπι, Νάπυ, Mustard. See the Seed, Chap. 7. and our Dor. Med. Lib. I. Chap. 3. Sect. 13.

620. *Siser*, *Sisaurum*, Σισαύρυ, Skirrits, hot in 2°. moist in 1°. They provoke Urine, and break the Stone, nourish well, concoct easily, and are a special Antidote against Quicksilver. See the Root, Chap. 1. Sect. 128.

621. *Sison*, Σισών, Bastard-stone-Parfly, hot and dry in 2°. It is of the nature of *Opium* or Parfly, and of *Petroselinum*, or stone-Parfly.

Sium, Water-Parfnip, see *Pastinaca aquatica*.

622. *Sisymbrium*, *Sinasbarium*, *Mentha aquatica*, Water-Mint, hot and dry in 3°. It is of a stronger smell and operation than that of the Garden; it helps the stinging of Wasps, exhilarates the heart, relieves the spirits, comforts and strengthens the Nerves; helps obstructions of the Lungs: Coughs, Colds, Asthma's, expels Wind: *Borellus* saith (Cent. 1.

Obs. 29.) that being applied to the Womb, it helps sterility.

693. *Solanum*, *Solatrium*, *Morvella*, Σολανόν, Nightshade, cold in 2°. and temperate. The Essence helps St. Anthony's Fire, the Shingles, pain of the Head, Gout, Seiarica, pains caused by hot, sharp, and biting humors, heart-burning, heat of the stomach, and hot Inflammations: it is to be used with caution, yet is not so dangerous as *Opium*. 2j of the bark of the Root is Hypnotick: the fruit is Diuretick

624. *Solanum lethale*, vel mortiferum, deadly Nightshade, cold & dry in 4°. It is Hypnotick, troubles the mind, and causeth madness: If many of the Berries be taken together, they cause present death; the Antidote is Mead. The leaves applied to the Temples cause sleep, and ease the Head-ach. Applied to the head and feet, it helps in Fevers, and abates the Tumours behind the ears called *Pavotides*.

625. *Soldanella*, *Soldana*, Sea-Binweed, hot and dry in 3°. It very much purgeth watrish Humours, opens obstructions of the Liver and Spleen, helps the Dropsie and Jaundice; the leaves applied to the Navil draws water out of the Belly, and so out of other parts: you may mix the Powder of it à ʒiſ. ad ʒj. with Anniseed, Cinnamon, Ginger, and Sugar, or take the Essence with Oyl of Cinnamon, in weak Bodies.

626. *Solidago Saracenicæ*, *Consolida Saracenicæ*, *Consolida aurea*, Consound, *Saracens* Consound, hot in 1°. dry in 3°. It is a Traumatick and Vulnerary Herb, not

inte-

inferiour to any. It cures wounds and Ulcers of the Lungs, the wasting of the Liver, yellow Jaundice, long tedious Agues and Feavers, Dropsies, all inward Wounds, Ulcers, and Bruises; eases pains, and in a Gargarism cures Sores and Ulcers in the Mouth and Throat.

627. *Sonchus, Lactuca Leporina, Lactucella, Cicerbita, Σόγγος*, Sow Thistle, cold in 2°. moist in 1°. It helps all Inflammations and hot swellings, gnawings of the Stomach by heat, short windedness and the Strangury; it increases Milk in Nurses, and abates heat of Urine. Outwardly, it is Cosmectick, and clears the Skin from heat and other deformities. The smooth are best; the hairy are more like Hawkweed.

628 *Sophia Chirurgorum, Sophia Paracelsi, Pseudonasturtium Sylvestre, Flixweed*, temperate and dry in 3°. So called from stopping of Fluxes, which it effectually does of all sorts: It is an excellent Vulnerary, stops all Issues of blood outward and inward; heals old Sores, Ulcers, and Fistula's, consolidates broken bones, and is no less effectual than Plantain or Comfrey. *Paracelsus* elevates it to the Skies for curing of Wounds and Fistula's.

629. *Sorbus, Σέρβα*, Service-Tree, cold and dry in 10. See the Fruit, Chap. 6. The leaves are astringent, and stop Fluxes.

630. *Sorghum*, Turkey Miller: It is like to Panick in temperature and Operation; it stops Fluxes, but is of no good nourishment, yet used to fatten Hens and Pigeons with.

631. *Sparganium, Platanaria,*

Carex Dodonæi, Σπαργάνιον, But Reed; cold and dry in 1°. The knops boiled in Rhenish Wine, and the Decoction drunk, and also fomented upon the part, is good against Poyson, and the bitings of venomous Beasts.

632 *Spartum Herba, Spartum Latinorum, Juncus Hispanicus, Άνίσσος*, Theophrasti, Mat-weed. It is useles in Physick; One sort serves to make Mats with; the Feather-grass is often worn by Ladies for a Feather; the soft serves to stuff Beds with, the rest to make Shooes and Ropes with, &c.

633. *Sp. tula fatida, Xyris, Eweis*, Stinking Gladdon or Spurge-wort, a kind of Flower-de-luce, hot and dry in 3°. See the Root, Chap. 1. Sect. 129. The Juice of the Leaves helps the Itch, Dropsie, and blemishes in the Skin; boyled with Vinegar and applied, it helps tumors of the Spleen, and stops Gonorrhœa: the Seed provokes Urine, helps the Strangury, and is excellent against Convulsions.

634 *Sphendammus, Opulus, Acer, Σφένδαμνος*, Maple-Tree. Temperate and dry in 2°. The Leaves and Roots are very astringent, and stop all sorts of Fluxes: The Root helps pains of the sides and Liver.

635. *Spondylium, Σπόδύλιον*, Cow or Meadow Parsnip, hot and dry in 1°. The Leaves bruised and applied dissolve cold swellings: The *Polonians* make drink with the decoction hereof and leaven: the Seed purgeth Flegm, is Cephalick, Pulmonick, and Uterine. It helps the Jaundice; *Asthma*; Fits of the Mother,

ther, Frenfies, Melancholy, Head-ach, Carus, Lethargy; being taken inwardly, and outwardly applied; the fume of the Seed revives such as are in deep fouding Fits.

626. *Spinachia*, *Spinachium olus*, Σταχιν, Spinage, cold and moist in 1°. It is good for food in all Diseases; is used in Sallets, and is excellent for hot Stomachs; it loosens the Belly, and helps roughness of the Lungs, and a dry Cough; outwardly it is good against Inflammations.

637. *Spina Cervina*, *Spina Cervi*, *Spina infestoria*, *Rhamnus*, δάκτυλος, Buck-Thorn, or purging Thorn: See the Fruit, Chap. 6.

638. *Spongia*, Sponge. It serves chiefly for fomentations: put into Wounds, it keeps them open: the ashes mixt with Vinegar (or water) clears the Eyes if blood shorten.

639. *Squilla*, *Scilla*, Sea-Onion, or Squill; hot and dry in 2°. See the Root, Chap. 1. Sect. 126.

640. *Stachys*, wild Horehound, hot and dry in 3°. It is Uterine, provokes the Terms, and brings away the After-birth; It stops Fluxes, and Defluxions, and heals Wounds.

641. *Stachas*, French Lavender, hot and dry in 2°. It grows in the Island *Stachades* in France, which is the worst sort; that of Candy is better, that of Arabia is the best of all: See the Flower, Chap. 5. and our Dor. Med. lib. 1. cap. 1. sect. 96.

642. *Staphis agria*, *Pedicularia*, *Herba Pedicularia*, Σταφισ, Staves-acre. See the Seed, Chap. 7. which is hot and dry in

4°. It grows in *Apulia*, *Calabria*, *Dalmatia*, *Istria*.

643. *Styrax Arbor*, Στύραξ, Storax-Tree. See the Gum, chap. 8. sect. 70, 71.

644. *Suber*, βύλα Cork tree, (a kind of Oak) See Chap. 2. Sect. 31.

645. *Sycomorus*, *Moroseus* Celsi, *Ficus Aegyptia*, Συκόμωρος. Sycomore-tree, cold and moist in 1°. The Fruit is sweetish, and cold as Mulberries: it loosens the Belly, but troubles the Stomach; the decoction of the Root in water, purges Flegm and Choler, and expels the heat of Feavers. The tears that issue out of the Tree in the Spring, being taken, dried, and made into Cakes, dissolve gross humours, mollifie, and conglutinate Wounds; and being applied, help the hardness of the Spleen, and biting of Serpents.

646. *Symphytum*, *Consolida major*, *Solidago*, *Osteocollon*, Συμϕυτον, Comfrey; cold and dry in 3°. It is an excellent Vulnerary, stops all manner of Fluxes, and helps spitting of blood: it is mucilaginous, hickning, and obunds sharp humours. It heals corrosions in the Lungs, helps Consumptions, and cures Ruptures, whether of the Veins, Bones, Intestines; strengthens the back, and stops Gonorrhoeas. See the Root, Chap. 1. Sect. 45. *Syrupus Symphyti Compositus*. R. Of Comfrey Roots ℥ij. Liquorice ℥j. Coltsfoot Roots, Mal-low seed, Poppy heads, ana ℥jss. boil all in two quarts of water to a pint, strain it, and with Sugar ℥vj. Honey ℥viij. boil it to a Syrup; this Syrup is good against Ulcers of the Lungs,

Lungs, Coughs, Ulcers of the Kidnies, Spitting of Blood, Whites, Gonorrhæa, Ruptures, &c. *Extrañum Symphyti Quercetani*, *Quercetans bloody-Extract*. R. Of the green Roots, and beat them into a Pulp, to which add Rye, or wheaten Bread, a quarter part; sprinkle it with Salt, put all into a glass, which stop well with wax, digest in Horse-dung or B. M. 40. days, then strain and digest again, separate it from the feces, and inspissate. It cures Ulcers, Wounds, Ruptures, & has all the Vertues of the former Syrup, dose is ℥j. for 40 days together. *Oleum Symphyti Scillacitium*. The distilled Oyl of Comfrey. It is drawn from the dried Root by a retort, but it yields but little. It has the Vertues of the Syrup and extract.

647. *Tamariscus*, *Palmula acida*, *Dactylus Indicus*, *Ολευριν*, Tamarind-Tree. The Leaves kill Worms. See the Fruit, chap. 6.

648. *Tamariscus*, *Tamarix*, *Amaryx*, *Myrica*, *Μυρίκιν*, Tamarisk, hot and dry in 2°. The Bark of the Root is chiefly in use, for obstructions and tumors of the Spleen: which see, chap. 2. sect. 32. and chap. 3. sect. 16. The leaves and tender branches have the same Vertues, they stop Fluxes of Blood, Lasks, and Whites, help the Stranguria and Colick, Scabs, Itch, scald Heads, &c. the Wood is good against the French Disease and Dropfie.

649. *Tanacetum*, *Athanasia*, *Ἀθανασία*, Tanfie, hot in 2°. dry in 3°. It cures, attenuates, discuteth, is Vulnerary, Uterine, and Nephritick; the preserved Root eaten every day fasting, is good against the Gout. It is used chiefly against Worms, Colick, Stone,

foulness and stoppage of the Reits and Bladder, stoppage of the Terms, fits of the Mother, Wind, Dropfies and Jaundice. It cleanses the Stomach and Bowels of tough viscus flegm, and other slimy humors, which stick to them. The Essence serves to the purposes aforesaid, and is pectoral.

650. *Tapsus barbatus*, *ερύμ*, Male Mullein; temperate and dry in 1°. It is emollient, discutitive, anodyne, and pectoral, used chiefly in Coughs, Ulcers of the Lungs, spitting of Blood, Asthma's. The Decoction of the Leaves helps Inflammations of the Eyes; an Oynment of them helps the Hemorrhoides: the Root boyled in red Wine, and drank 9 or 10 days together, stops Lasks, the bloody Flux, as also the Flux and pain of the Hemorrhoides. See Flowers, Chap. 5.

651. *Taraxacon*, *Dens Leonis*, *Urinaria*, *Rostum Porcinum*, *Caput Monachi*, *Ἀδαν*, Dandelion, cold and dry in 2°. It is of the nature of wild Endive or Succory, bitter, cleansing, opening, and hepatick. It helps a weak stomach, and a Dysentery, if boiled and eaten with Lentils: the Essence drank helps a Gonorrhœa, Ulcers in the Ureters, pain of making water, and the Jaundice: It is chiefly used in putrid Feavers. Outwardly, the Milk dropt into the Eyes thrice a day, takes spots from them, cleanses Wounds and Ulcers, and heals them. The Root cures diseases of the Eyes, and tertian Agues by way of Amulet, being cut into nine pieces, and hung about the neck nine days: others give the whole Root.

652. *Taxus, Smilax Arbor, Mī-
α, Kārtos, Σμῖλα, Diosco-
rides, Yew-Tree.* The Spanish
is deadly; and in most Countries
it is venomous, yet not that which
grows in England. The Antidote
is Gentian Root, Essence of Jun-
per-berries, with Oxy-mel or
Wormwood wine. The fume of
it kills Mice: The English and
that of *Silesia* is without hurt: the
Berries of the English loosen the
belly and fatten fowl; the juice is
good against the bitings of vipers:
the wood rasped and drunk, helps
the bitings of mad dogs.

653. *Testiculus odoratus, Trior-
chis, Tetraphthis, Cullions* (a kind
of *Orchis* or dog-stones) they are
of the temperature and nature of
Satyrium; boyld in milk and ea-
ten, or prepared as *Satyrium*, they
stir up Venery, strengthen the
body, help Consumptions and He-
cticks, above all other kind of *Or-
chis*: boiled with urine and honey,
they help putrid ulcers of the
mouth: See *chap. 1. Sect. 24.*

654. *Tenarium, Shrub-german-
der* with large Leaves; hot and
dry in 2°. It has the same virtues
with *Germander*; which see *sect.*
149. a foregoing.

655. *Thalicttrum, Bastard or
meadow Rue*, hot and dry in 2°.
It opens Obstructions, cures the
Measles, Small-Pox, Plague, ma-
lign Feavers, Jaundice, Epilepsy;
provokes urine, incarnates, and
cicatrizes.

656. *Thapsia, Spanish scorching
Fennel*, hot and dry in 3°. Some
think in 4°. the bark taken in *℞ij.*
or the juice in *℞ss.* with Mead,
strongly purgeth Choler upwards
and downwards, and helps Asth-
ma's; outwards it draws and di-

gests, easeth pains of the Joynts
and the Gout, and helps defects
of the skin.

657. *Theë, Herba Theë; Theë,*
hot and dry in 1°. It is a Chine-
sian herb, but is found in *Chia,*
Japonia, and other places; that of
Japonia is best. It is a most excel-
lent herb, preserving the body in
perfect health, to the height of
old Age: you may take it either
in decoction or powder: it is wi-
shed that it might be used instead
of *Coffee*; it causeth wakefulness,
so that whole nights may be spent
in study without hurt to the body,
because it binds the mouth of the
stomach, thereby restraining those
Vapours which ascending would
cause sleep. It helps Headachs,
Drowsiness, Lethargy, Catarrhs,
Asthma's, Consumptions, Colicks,
Stone, pains and other lassitude
of the Bowels.

658. *Ulapse, sinapi Persicum,*
Treacle-mustard; hot and dry in
4°. There are divers sorts of it,
but the wild are best. See the
seed *Chap. 7.* It is of the nature
of common mustard, but some-
what stronger.

659. *Thora, Aconiti genus, a*
kind of Woollis bane, and the most
poisonous of them all; hot and
dry in 4°. See *Aconitum, Sect. 13:*
and *Napellus, Sect. 432.*

660. *Thus, Arbor Thurisera, Ai-
Ba. 66, Frankincense-tree*, hot in
2°. dry in 1°. The Arabians call
the Tree *Lovan*. It is either male
or female: the Gum of the male
is called *Olibanum*, being of a
yellowish white, and white with-
in, far, and round like drops: the
Gum of the female is called *Thus*,
and is more Rosiny, soft, and yel-
lower. See the Gums, *Chap. 8.* The

Bark

Bark of the Tree is astringent, and stops all Fluxes. See chap. 2. sect. 34.

661. *Thymum, Thymus, Θύμος*, Thyme, hot and dry in 3°. It is sharp, bitter, cutting, attenuating, discussive, carminative, cephalick, pectoral, stomatick, and hysterick. It takes away all tartarous diseases of the Lungs, Coughs, Colds, Asthma's, Peysick; opens all Obstructions, provokes Urine and the Terins, expels the dead Child and Secundine, helps all cold diseases of the Head, Epilepsies, Agues, Fits of the Mother; strengthens the Stomach, causes Appetite, and is of great force against the Gout. Outwardly, it is good against cold Tumours, and pains of the Joynts.

662. *Thymelea, Θύμωλεια*, Mountain-wind-wail, or Spurge-flax, hot and dry in 4°. The leaves and fruit are very hot, biting and burning, the grains purge choler, flegm, and watery humors; 20 grains of the inner part being taken with Raisins, stamped with a little Niter and Vinegar, cause Sweat: the leaves are to be gathered in Harvest, which when used, must be beaten, and the flings taken out: and so ʒβ. taken in Rhenish-wine, purge watery humors; they purge more gently boiled with Lentils; the Herb destroys the Fetus, and is cosmetick: made up into Pills, it helps the Dropsie.

663. *Tilia, Tila, οιλύρα*, Linde-Tree, or Linden-Tree. Temperate and dry in 10. It is male and female: the first is barren, the other bearing flowers and seed are only used. The Bark, see chap. 2. sect. 33. the Flowers, chap. 5.

the Seed, chap. 7. the Leaves have the same vertues with the Bark.

664. *Thya, Thyia, Arbor Vitæ, Cedrus Lycia, Βούξ*, Tree of Life, hot and dry in 1°. It is wonderfully agreeing to the nature of man, an excellent cordial, and of a very pleasant smell; it is pectoral, and of thin and tenuous parts, digestive and absterfve: it causes expectoration of thin and purulent matter from the Lungs, helps coughs, shortness of breath, and illness of the stomach; if the leaves be but chew'd some days together fasting in the morning.

665. *Tithymalus*, The greater wild Spurge: hot and dry in 4°. It has the vertues of *Catapotia minor*, at sect. 139. *Extractum Tithymali Clofsei*, Extract of Tithymal: Take the whole Herb, moisten it with Rose-water, beat it and express the Juice, which clarify, calcine the Fæces, and add as much Sul-witer; extract the Salt with distilled Vinegar, which join to the clarified juice, and evaporate to the consistence of an Extract: if you please, you may (before evaporation) add of oyl of Sulphur per campanam ʒβ. This Extract has all the vertues of Spurge: and after the same way you may make an Extract of Buckthorn-Berries, wild Cucumers, Hellebor-rhizots, &c.

666. *Tormentilla, Septisfolium, Έπιακυλλόν*, Tormentil: It is the best thing in the world to stop Fluxes. See the Root, ch. 1. sect. 131.

667. *Tragacanthum, Tragacantha, Spina hirci, Γραγιάναβας*, Goats-thorn, temperate and dry: the Roots boiled in Wine conglutinate sinews. See the Gum, chap. 8.

668. *Tragorchis, Testiculus hircinus*,

Τετρὰγωνος; Goat-stones: they have the virtues of the *Cynosorchis*, *sect.* 209.

669. *Trachelium, Uvularia, Cervicaria, Τετραχύνιον*, Throat-wort, cold and dry in 20. It is good against Swellings, Inflammations, and sores of the Uvula & Throat, as also all cankers and ulcerations in the mouth or privy parts; made into a lotion with Honey, Alom, and Rhenish-wine, it stops Catarrhs or Rheums, &c.

670. *Tragopogon, Coma vel Barba Hirci, Τετραγώγωνος*, Goats-beard; temperate. It eases pains and stitches of the side, comforts the stomach, helps the appetite, strengthens and restores such as are in Consumptions, and have been long afflicted with Chronic Diseases. It is Vulnerary and binding, and helps the Stone, Imposthumes, Pleurisie, and other diseases of the Stomach and Liver.

671. *Tragopyrum, Fegopyrum*, Buck-wheat; cold and dry in 1°. It provokes urine, encreaseth milk, loosens the belly, clears the eyes, and taken in wine heals melancholy: the bread made thereof is farning, and a little windy, yet it nourishes less than Wheat, Rye, Barley, or Oats; but more than Millet or Panick.

672. *Tragoriganum*, Goats-Majoram, hot and dry in 3°. It is binding and strengthening, stomachick, carminative and diuretick: it stops vomiting, helps belching, opens obstructions of the Lungs, Breast, Liver and Womb: outwardly applied it helps Inflammations, and in a pessary draws down the Terms.

673. *Tribulus, Saligor, Τελόλος*,

Caltrop, cold and dry in 1°. It is of an earthy binding nature: the fruit being drunk, wasteth the stone; taken in wine, and also outwardly applied, it helps the biting of Vipers, and poyson; it is good against inflammations, imposthumes, flux of humours, and pains: the juyce dropt into rheumy Eyes, stops their running, and in a Gargle it helps sore mouths.

664. *Tribulus marinus*, Water-Caltrop, or Frogs-lettice, cold and moist in 1°. In a pulstife it takes away all Inflammations, Ulcers in the mouth or other parts, corruption of the Jaws, Kings-evil, sore gums, cankers in the mouth, &c. being made into gargle with honey, water, and a little Alom. The bread of the kernels binds the belly; the green fruit drunk in wine, helps the stone, and expels poyson.

675. *Trichomanes, Callitrichum, Polytrichum*, Red Maiden-hair: temperate. It is a great pectoral, helping such as are short winded, having tough slegm, cough, & spit much: The Lye in which it has been sodden, is Cosmetick, takes away scurf, scales, and causeth hair to grow. It has the virtue of the other Maiden-hair, which see *sect.* 12. the distilled water is good for such as have rotten Livers.

676. *Trifolium, Triphyllum, Triaphyllum, Τρίφυλλον*, Meadow-Trefoyl, or Three-leav'd-grass; cold and dry in 1°. It is pectoral, vulnerary, and Segnotick: the decoction in a Clyster with honey, helps fretting and excoriations of the Guts: In a Cataplasim it helps hot swellings and inflammations. That with the half-moon,

or pearl, being bruised, and the juyce mixt with Honey, and dropt into the Eyes, easeth the Pin and Inflammation of them, and takes away the Pin and Web.

677. *Trifolium odoratum*, Sweet trefoil, (a kind of Garden-claver) temperate: the juyce with honey helps spots in the Eyes, and removes most other distempers in them: the Essence in Rhenish Wine, helps such as are bruised, dissolves congealed blood, and helps bloody Urine: an Oyl of the Flowers heals green Wounds, and helps the Gout.

678. *Trifolium Bituminosum*, Stinking Trefoil, hot and dry in 3°. The Essence thereof helps pain of the side, Pleurifies, Obstructions of Liver and Spleen, provokes Urine and the Terms, brings down the Birth, helps fits of the Mother, Agues, the Dyslury, the Dropfie (if in the beginning) and the bitings of Serpents or venomous Beasts: the Seed performs the same things being taken to 3iij. Outwardly the herb extracts the Poyson out of Wounds; which if there be none therein, it encreaseth the pain by attracting of humours.

678. *Trifolium paludosum*, *Mennanthes Theophrasti*, *ῥόσμος*, Water-trefoil, or Buck-beans: the temperature is doubtful. It is a good Pectoral, and cleanses both Breast and Liver. The Seed drunk with mead helps the cough, pain in the Stomach, spitting Blood, cuts rough humours, and helps a weak Liver.

780. *Trifolium purpureum*, purple-trefoil, purple-wort, cold and dry in 1°. the juyce or Essence expels slimy humours out of the

Guts, cures sore Mouths and Throats, brings forth the Measles and Small Pox, and cures the Purple Peaver, which the Signature demonstrates: It is called also *Lotus quadrifolia*.

681. *Tripolium, Inguinalis marina*, Sea-Starwort, hot and dry in 3°. The Herb or Root taken to 3ij. in Powder, helps the Dropfie, resists Poyson, cures Wounds both inward & outward, the bitings of mad Dogs, Tumors in the Throat, and purgeth out waterish and gross Humours. Outwardly, it asswageth Tumors.

682. *Triticum, Siligo, Ador*, *ῥέπος*, wheat; Temperate. The white is called *Siligo*; the red *Triticum*; the gray-bearded wheat *Ador*: but *Ador* was of old the purest and finest wheat; afterwards in *Horace's* time it was used for the courser sort. See the Grain, Chap. 7. and our *Dor. Med. Lib. 1. Cap. 1. Sect. 104.*

683. *Triticum Amyleum*, Starch-Corn, Temperate, and dry in 1°. It is a kind of Grain almost like to Wheat: It serves to feed Cattle, (which yet is much better than Barly) and to make Starch of.

684. *Tulipa*, *Κίον ῥέ ἀνθε*, Tulip, the Roots have the Temperature and Vertues of Potatoes or Parsnips. There are near three-score several kinds of them, but all of one nature: The *Turks* call it *Turban*.

685. *Turpetum, Turbeth*. The Herb Turbith, hot and dry in 3°. See the Root, Chap. 1. Sect. 132.

686. *Turritis*, Tower Mustard hot and dry in 3°. The juyce or essence

Essence helps Ulcers of the Mouth, kills and expels Worms. *Myagrum* at Sect. 425. is a kind hereof, as also *Camelina*, at Sect. 116.

687. *Tussilago*, *Farsara*, *Farruginum*, *Populago*, *Ungula Caballina*, *Bechium*, *Colts-foot*, cold and dry in 1°. It grows in pleasant Brooks and Rivers that make a noise, flowing suddenly in February and March, before the Leaves grow forth. It is one of the greater Pectorals, and Traumatick. It cures Coughs, Colds, Hoarseness, Shortness of Breath, Asthma's, Inflammations and Ulcers of the Lungs, spitting Blood, want of Voice. &c. It ripens and breaks Imposthumes in the Breast, cures Quarrans, Wounds and old Sores, use the Essence.

688. *Typha*, *Juncus asper*, *Cestrum Morionis*, *τύφιν* Cats-Tail, cold and dry in 1°. The down thereof is only used to dry up running Sores, kibe heels, and gal'd places in Children, or other frettings of the skin.

689. *Vaccaria*, Cow-Basil, hot and dry in 1°. Provokes Urine, but is not often used in Physick.

690. *Valeriana*, *Phn*, *Nardus*, *Trotica Plinii*, *φύλον*, *Valerian*, or Serwal, hot and dry in 1°. The Leaves have the same virtues with the Root (but the Root is most powerful) which see Chap. 1. Sect. 107.

691. *Valeriana Sylvestris*, Wild Valerian, it has the temperature and virtues of the former.

692. *Verbascum*, *Canadela regia*, *φλόμ*, Female Mullein, temperate and dry in 1°. A Cataplasm or the Leaves help hard swellings, inflammations, and Joynt-

pains, as also the Piles or Hæmorrhoides: the Essence thereof is Pectoral, and helps most Diseases in the Breast or Lungs; stops Lasks, and the Bloody Flix, and helps to consolidate Ruptures, See *Tapsus barbatus*.

693. *Verbascum Sylvestre*, Wild Mullein, or Sage-Mullein, hot and dry in 1°. It has the Virtues of Sage.

694. *Vaccinia*, *Ἀνθερά*, *πῦμα*, Whortle-berries, cold and dry 3°. The Essence or Juicy of the black binds, stops Fluxes, quenches thirst, comforts a hot Stomach, cools the heat of Feavers, and stays vomiting; they are usually eaten with Cream, or Milk and Sugar. The red Berries make a Carnation-colour, but are less used.

695. *Vaccinia palustria*, Fen-Whortle-berries; they have the Virtues of the former: but are better in Pestilential Diseases.

696. *Verbena*, *Verbenaca*, *ἱερὰ βοτάνη*, *ἡ δεισέρεον*, Vervain; temperate and dry in 2°. It is an excellent Vulnerary, Cephalick, and Hysterick, both inwardly and outwardly taken. The Decoction with Hony of Roses, helps the *Aphthæ* (a Disease which Women call the Thrush in Children.) The Essence of the Herb is powerful against Imposthumes in the Breast, Ulcers in the Lungs, spitting of Blood, inflammations and pains in Wounds, all sorts of Feavers and Agues, the Measles, small Pox, malign and pestilential Feavers, Apoplexies, falling Sickness, Palsies, fits of the Mother, the Tooth-ach, Ulcers in the Mouth and Privities, Head-aches, Coughs, Colds, Rehums, Obstructions

fruction of the Liver, Spleen and Gall, Jaundice, yellow, black, and green, Gravel and Stone both in Reins and Bladder, Hoarseness, Quinsies, Kings-Evil, Gout, and other pains of the Joynts, Piles, and falling out of the Fundament. It causes easie delivery to Women with Child. It cures Tertians, Quartans, Struma's and Head-ach, by way of Amulet; which (*Foreſtus* in lib. 9. *Obſerv.* 52.) doth by hanging about the neck: but *Marcellus* cuts the Roots transverse into two parts, hanging the lowest part about the neck, the upper in smock; so as the upper-part dries, the Disease vanishes; yet he says, if both parts be cast into running water, the malady will return again.

697. *Vermicularis*, *Illecebra*, *Semprevivum tertium*, Stone-crop, hot and dry in 4. It is caustick, draws Blisters and exulcerates: The Essence with Vinegar, of other Liquors, causeh Vomit, and evacuates flegmatick and choleric humors, resists poyson, and cures Agues. Outwardly applied, it helps hard swellings, and the Kings-Evil. Some hang it about the neck as an Amulet against Feavers.

698. *Veronica*, *Ærative*, *Fluellin* or *Speedwel*, cold in 1°. dry in 2°. It is Astrigent, Traumatick, Vulnerary, and opens obstructions of Liver, Spleen, Reins and Bladder; it expels Urine and the Stone, and cures the Plague, and other pestilential Feavers; it cures the Dysenteria, and stops Fluxes. Outwardly; it helps the Polypus, all hot swellings, spreading Cankers, corrosive and malign Ulcers, and inflammations of the eyes.

699. *Veronica Pauli*, *Betonica Pauli*, *Ærative Heronæ*, *Paul's Betony*, or *Male Fluellin* (the former was the Female) temperate and dry in 1°. It is astrigent, cutting, Vulnerary, Sudorifick, and Peccoral; used chiefly against Ulcers and Obstructions of the Lungs and Spleen, Colick, Consumptions, Plague, Measles, Smallpox, malign Feavers, Scabs, Itch, Tetters, Wounds, old Sores, Jaundice, Stone, Fluxes of Blood, and Scurvy.

700. *Viburnum*, *Viora Ruellii*, *Viora Vulgi*, *Way-faring-tree*, cold and dry in 1°. The Leaves and Berries bind, and are good in Gargarisms for Swellings, Inflammations, Rheum, and Sores, in the Mouth and Throat, and to fasten loose Teeth; the Powder of them stops all Lasks and Fluxes of Blood, Terms and Whire: Some say, the Bark buried in the Earth for a while, then boiled and stamped, makes good Birdlime: *Mathioli's* saith, the Fruit when ripe looseth the Belly; the Leaves and Berries boiled in Lye for a Bath, makes the hair black.

701. *Victorialis*, *Scorodoprassum minus*, *Mountain-Garlick* the less, or *Male*, hot and dry in 40. It has the vertues of Garden and wild Garlick, which see sect. 23. and 24. The Jews and Eastern People use it for an Amulet against Spirits and infected air.

702. *Vicia*, *Bizar*, *Common Vetch* or *Tare*; temperate and dry in 1°. It is binding, glutinative and emplastick, engendering a Cachochymick juyce, or thick melancholick Blood: applied to the Belly, they help Lasks, and

with other things stay Cankers.
See the Grain, Chap. 7.

703. *Vicia Sylvestris*, *Αγαχ*, Wild Vetch. The Temperature and Virtues are the same with the former.

704. *Vincetoxicum*. *Asclepias*. *Hederalis Ruellii*, *Hirundinaria*, *Ασκληπιάς κισσίου*, Swallow-wort, hot and dry in 1°. It attenuates, is Alexipharmick, Sudorifick, Carminative, and Antifebrilitick: It is used chiefly in the Plague and other Venemous Diseases: It provokes Urine and the Terms, helps the Disury and Stranguria, Dropsies, fainting and palpitation of the heart: The Seed is prevalent against the Stone; you may give ʒi. of either Leaves or Seed, outwardly: the whole Plant is Vulnerary, and of extraordinary use in old malignant Ulcers, sore Breasts, and the stinging and bitings of venomous Creatures.

705. *Vincetoxicum Indicum*, Indian Swallow-wort, hot and dry in 3°. It has all the Vertues of the former, for which purposes it is much more prevalent; it helps the *Tormina*, stinging of Serpents and deadly Poysons; as also the Epilepsie, Jaundice, Melancholy, Cough, and all Diseases of the Breast and Lungs. The milky Juicy is very hot and purging: The Leaves applied take hairs from the Skin, and cure Tetters.

706. *Viola*, *Viola purpurea*, *Herba Violaria*, *Mater violarum*, *Ίος*, Violet, cold and moist in 1°. The Leaves cool, are Emollient, and Anodyne, often used in emollient Clysters, Caraplasms, &c. They help hot inflammations, burning

Eyes, and the stinging of Scorpions. Inwardly they help the Epilepsie in Children, Quinsey, Surfeiting, heaviness of the head, and loosen the Belly: See the Flowers, Chap. 5. Sect. 73.

707. *Viola flammula*, *Viola tricolor*, *Herba Trinitatis*, *Clavellata*, *Ολβιον*, Hearts-ease (a kind of jacea or Knapweed) cold in 1°. moist in 2°. (See our *Dor. Med. lib. 1. cap. 1. Sect. 107.*) but Schroder saith, it is hot and dry in 3°. If he means the same Herb, as I partly think he does. It is Emollient, Anodyne, and good against Agues, Convulsions, falling Sickness, Ulcers, Inflammations, and Obstructions of the Lungs: it cleanses, discusses, is Vulnerary, Sudorifick, and good against heat, chiefly in Children, Scabs, Itch, and Itching Ulcers. The Essence of the Herb or Flowers drunk ʒij. or iij. at a time, morning and evening for 15 or 20 days together, is found to be very effectual against the French Pox.

708. *Viola mariana*, Mercury Violets, cold and dry in 1°. The Root is somewhat binding, seldom used in Physick, but generally for Sallers, being boyled and eaten with Oyl, Vinegar, and Pepper, thereby digesting and taking away flegm: The Essence of the Flowers cools the heat of Choler.

709. *Viola Matronalis*, Queens Gilliflowers, or Dames Violets, hot and dry in 3°. They are hot in taste, and much of the nature and quality of Rocket; the Essence or distilled Water of the Flowers cause sweat.

710. *Virga Aurea*, *Lencographis*

phus Plinii, Golden Rod, hot and dry in 2°. It cleanses, is Traumatick, Vulnerary, Diuretick, Lithontripick, and astringent. It provokes Urine, wasts the stone in the Kidnies, and expels it; stops Blood, all sorts of Fluxes, cures Ruptures, and fastens loose teeth: It has the properties of Saracens Confound, and excels for inward bruises and ulcers in the mouth and Terebrens.

711. *Vitis, Vitis vinifera*, *Αυτή*. The Vine, cold in 1° dry in 2°. The leaves cool, and very strongly bind, they stop the bloody Flix, and all other Fluxes, cool and strengthen the Stomach, stop vomiting, help Heart-burning, the heat of the Mouth and Tongue, and stay the longing of women with Child. they help the *Pica*, *Clorasis*, *Hæmoptosis*, and Ulcers in the Mouth and Throat. See the Fruit. Chap. 9. *Wine*, and the tears of the Wine, Chap. 9 The ashes of the wood or sticks, help the Piles, and are caustick.

712. *Viscum, Viscus, Ixia Renalms*, *Ῥόζος καὶ Ἰξία*, Mistletoe, hot and dry in 3°. It is of subtil parts, and good against most Diseases of the Head and Spleen: The Berries strained into Oyl or Wine, and drank, help stitches, and other pains of the sides: It purgeth viscous Humours, helps Falsies and Convulsions; is Hydrotick and Antepileptick: Outwardly it ripens swellings and scirrhus Tumors behind the Ears, drawing from the deepest parts of the body, and digesting the humours: it mollifies old Ulcers, and ripens angry Impos-

thumes: See the Birdlime, Chap. 8.

713. *Viscum Quercinum*, Mistletoe of the Oak, hot and dry in 2°. It mollifies and dissolves; ripens Tumors behind the Ears, and other Impossthumes mixt with Wax and Rosin. Inwardly it is a specifick in the Epilepsie; and certainly cures it, by giving as much as will lie upon a sixpence or ninepence in black Cherry water or Beer, early in the morning for some days near the full Moon.

714. *Ulmaria, Regina prati*, *Barba Capri, Barba Hirci, Medesiam Cordi*, Meedsweet, Meadow sweet, Queen of the Meadows, cold and dry in 1°. It is good against the bloody Flux, and all other Fluxes, easeth the pains of the Colick, cheers the Heart, and revives the Senses: The Flowers help Quartans, and exhilarate: their smell comforts the Head: the distilled water of them helps burning and itching of the Eyes, and clears the sight: the whole Herb is Alexipharmick, Sudorifick, and Vulnerary; and very prevalent against the Plague.

715. *Ulmus, Ἰλιθα*. Elmtree, hot and dry in 1°. The Leaves and Bark are cleansing, Segnotick and Vulnerary: The decoction of the Bark is good to bath broken Bones with: ʒj. of the inner Bark in Wine purges flegm. See the Bark, Chap. 2. Sect. 35. The Juice of the leaves with Vinegar takes away Scurf: The Liquor in the Blisters is Cosmetick; and takes away Pimples, Spots, and Freckles from the face, and healeth green Wounds.

716. *Unifolium, Cotyledon sylvestris, Monophylon, Μονοφυλλον*; One Blade, hot and dry in 1°. The Leaves have the Virtues of *Pyrola* in wounds, especially those of the Nerves: It is sudorifick, traumatick, and vulnerary; and a good thing to prevent Inflammations in new Wounds.

717. *Umbilicus Veneris aquasicus, Water-Navelwort, or Pennywort*, hot and dry in 3°. Ulcerating like Crowfoot, and is dangerous to Sheep and other Cattel.

718. *Umbilicus Veneris mararius, Wall Pennywort*, cold and moist in 1°. The Essence or Juice helps all Inflammations, hot Tumors, as Phlegmons, Erysipela's, or St. Anthony's fire, kib'd heels, &c. The Leaves and Root eaten, help the Disury and Strangury, provoke Urine, break the Stone, and cure the Dropsic.

719. *Volemus, Warden-Tree*, the Leaves are cold in 1°, dry in 2°. they bind and stop Fluxes; the Fruit hath the Virtues of other Pears, but bind more, and so are more grateful to the Stomach.

720. *Urtica, Αιχάνιον ὀνιδίς*, Nettle, hot and dry in 2°. There are several sorts of stinging Nettles; as 1. the greater: 2. The less: 3. The Roman only sown in Gardens: The two first grow by Hedges and Way-sides. They are all of thin parts; they open, cut, are Absterfive, Emollient, Diuretick, Lithontriprick, and Pectoral; they expel the poyson of Hemlock and Henbane, cure the Jaundice, Pleurisie, Discaeses of the Lungs, as Asthma's,

Coughs, Wheezings, shortness of Breath, Ulcers, Consumptions, and Peripneumony; expel Gravel and the Stone, and bring forth the small Pox. The Decoction of the Leaves drunk is good against Gangrenes, so also the Juice outwardly applied; it also helps an inflamed *Uvula*, and stops bleeding at the Nose. The Roman Nettle is the most powerful.

721. *Uva marina, Traganos, Τραγος*, Sea-Grape or Cluster, cold in 2°. and dry in 3°. se're: the Raisins and Stones are stiptick, and stop fluxes, the Whites in Women, and the Gonorrhœa.

722. *Uva Ursi, Spanish red Whortleberries*, cold and dry in 2°. The Syrup of the Berries is pectoral, helps Coughs and Ulcers of the Lungs: The juice with Alum and Galls makes a purple colour.

723. *Ustilago, Burnt Corn*, as of Whea, Rye, Barley, Oats, hot in 1°. dry in 3°. It makes bread to look black, and is of good use to dry up running sores, gall'd places, and fretting of the skin.

724. *Xalxochil, Pomum arenosum, Sand-Apple*, hot and dry, pleasant, and of pretty good nutriment. It helps concoction, heats the Stomach debilitated by cold. The Leaves are acid, segnotick, and very odoriferous, good against scabs, itch, &c. The bark is cold and dry, segnotick and vulnerary: The Decoction thereof is good against Tumors in the legs, Fistula's, ulcers, Deafness and Colick.

725. *Xiopatlis, Herba contra Leporam*, cold and dry in 1°. It is glutinous, astringent, and colicmerick; bruised and applied, it helps Tetters, Ringworms, Itch and Leprosie.

726. *Xylaloës, Agallochum, Lignum Aloës*, Wood of Aloës. See Chap. 3. Sect. 2.

727. *Xylbalsamum*, Wood of the Balsam Tree; hot and dry in 2°. The Water which issues out of the Wood or Branches cut off, is vulnerary, and helps in most cold Distempers, being drank fifteen or twenty days together.

728. *Xylum, Bombax, Cotum, Gossipium, Ξυλοφάνον, Ξύλον, γουσσίου*, Cotton-plant; the seed is hot and moist in 1°. Helps Coughs and Asthma's, and increaseth seed: The Oyl thereof helps spors, scurf, and Morpew upon the skin; is good against gnawings of the stomach and Agues. The Wool or Cotton is hot and dry; the ashes of it stanch bleeding, and are more segnotick and restrictive than Bole-Armoniack.

729. *Tamancapatis, Herba temperata*. The temperate Shrub: It is odoriferous and segnotick: the Essence or Liquor of it fastens loose teeth, eases pain of the Gums, strengthens the back and weak joints.

730. *Triopatlis, Fentex febrifuga*, Febrifuge Shrub. The Root (the bark being taken off) powdered and drank, or decoction thereof, helps Feavers and all cold distempers, exceeding all other things for that purpose.

731. *Tucca, Jucca, Huacca, Huirca, Manibot*, Indian Bread, hot

in 10. when the poisonous juice is prest forth; the Root ground to flower, after the juice is prest from it, makes Bread and Cakes of good nourishment: tho' the raw Juice is poisonous, yet being boiled half away, it is aromatical and wholesome, and makes good drink.

732. *Zea, Spelta, Zeid, Spelt-Corn*, temperate: it nourishes more than Barly, but less than Wheat: See the Grain Chap. 7.

733. *Zedoaria longa, Zurumba, Zafers*, Zedoary long, hot and dry in 2°. The Root is only in use, which see chap. 1. sect. 135. of the Root you may make an Extract and chymical Oyl, which are pectoral.

734. *Zedoaria rotunda, Zermbeth*, Zedoary round. See the Root, Chap. 1. Sect. 136. The oyl is pectoral, strengthens the Spirits, cleanses the Lungs, heals Wounds, stops Fluxes, expels Wind, easeth the Colick, helps Coughs, Asthma's, and a stinking Breath, clears the sight, fortifies the Heart, stops defluxions of Rheums and Catarrhs, warms a cold Stomach, resists Poyson, kills Worms, and preserves the fetus.

735. *Zeopyrum*, Naked Barley, cold and dry in 10. The Decoction in water abates the violent heat of Feavers, quenches Burning Choler, giving rest and ease, more especially if you add thereto the Seeds of Poppy and Lettice, Figs, Raisins, Liquorice, and Anniseeds: so also it becomes very Pectoral. Decoction in Whey with Wood-sorrel, Purslain and Scabious, it quencheth thirst, and cools the heats of Feavers.

736. *Zingiber, Zinziber, Ziryi-
Cera, Ginger*: hot and dry in 3°. The Root is chiefly in use, which see Chap. 1. *Seff.* 137. from the same you may distil an Oyl of great force against Ulcers.

737. *Zizypha, Zizyphus, Zizypho,
Bead-tree*, hot and dry in 3°. The Flowers open Obstructions of the head: the decoction of the bark with Fumitory and Mirobolanis helps agues proceeding from flegm: the distilled water kills nits and lice in the head, and mixt with Wine, preserves the Hair

from fallings: The Leaves and Wood are accounted deadly to beasts; the Fruit also is very dangerous, if not poyson it self. But there is another kind, which grows in Cappadocia, which is cold and dry, the decoction of whose flowers and leaves cools the heat of Urine, helps the Diabetes and running of the Reins, as also the Exulceration of the privy parts: the Syrup thereof is pectoral, helps the distillations of sharp salt Rheums and spitting of blood.

Chap. V. Of FLOWERS.

Colledge.] Of Wormwood, Agnus Castus, Flower-gentle, Dill, Rosemary, Columbines, Oranges, Wild Pomgranate-tree, Betony, Borrage, Bugloss, Marigolds, Woodbine, Clovegilliflowers, Centaury, Chamomel, Wall-flowers, Saccory, Comfrey the greater, Saffron, Bluebottle great and small, Canker-Rose, Garden-Pomgranate-tree, Foxglove, Vipers bugloss, Heaths, Eyebright, Beans, Fumitory, Broom, Comsips, S. John's-wort, Hyssop, Jasamine, Deadnettles white and red, Lavender, Privet, white Lillies, Lillies of the Valleys, Hops, Mallows, Holihocks, Motherwort, Melilot, Baum, Walnut-tree, Water-lillies white and yellow, Origanum, Poppies white and black, Corn-poppies, Peony, Peachtree, Primrose, Selsheal, Sloebush, Rosetree white, red and damask, Sage, Elder, white Saxifrage, Scabious, Wheat, Stechas, Tamaris, Tansee, Mulline, Linetree, Coltsfoot, Violets.

SALMON'S Comment.

1. *Abinthii*, Flowers of wormwood, by which is meant the Summities of the herb whilst it is in flower. They have the virtues of the herb, which see chap. 4. *Seff.* 3.

2. *Agni Casti Viti*, of the Chast-tree; they abate Lust, and

expel wind: the Herb and Seed are most in use.

3. *Amaranthi, flores minoris*, of Flower-gentle. They cool, dry, and gently bind, stop all manner of fluxes of the bowels, the terms, whites, spitting of blood, and are said (by some) to encrease milk in Nurses.

4. *Anethi*, of Dill. They strengthen

then the stomach and head, expel wind, provoke Urine, encrease milk in Nurses.

5. *Anthos, flores Rosmarini*, of Rosemary. They help all Infirmities of the head, proceeding from cold and moisture, dry the brain, quicken the Senses, cause watchfulness, cure Palsies, strengthen the Nerves, cure the yellow Jaundice, stinking breath, preserve health, and keep back old Age; you may either make them into a conserve or preserve, or make a strong tincture with rectified S.V. or Rhenish Wine: Of these flowers is made the Queen of Hungaria's water, so much esteem'd and cry'd up all the world over.

6. *Aquilegia*, of Columbines: they open obstructions of Liver, Spleen and Gall; provoke Urine and the Terms, cure Jaundice, Colick, and heal Wounds.

7. *Aurantiorum, Aurantia mali*, Of the Orange tree. They are of great use in Perfumes; Orange flower water is not only a good Perfume, but prevents and helps Fevers, and is Pectoral: an Ointment of them is cosmetick, and helps the cough and Vertigo by anointing upon the stomach and temples.

8. *Balaustia, Punice flores Sylvestris*: Of the wild Pomegranate. They are cordial, yet of a very dry and binding nature; they thicken, cool, stop vomiting and all fluxes, as Diarrhoea's Dysenteria's, Lienteria's, Terms, whites, Gonorrhoea's, spitting Blood, Ruptures, fasten loose teeth, strengthen the stomach.

9. *Betonica*, Of Berony. They help the Head ach, Epilepsie, Madnes, Dead Palsie, and are Traumatick.

10. *Borraginis*, Of Borrage. They are one of the four cordial Flowers; they exhilarate the heart, comfort and revive the Spirits, strengthen the head and brain, help the Epilepsie, Melancholy, swooning, and cardiack passion.

11. *Buglossi*, Of Buglofs. They have the virtues of the former, cheer the heart, and revive a drooping Spirit.

12. *Calendula*, Of the Marigold. They are Cardiack, Hepatick, Alexipharmick, and Antiebricitick: they open, discuss, astringe: they provoke sweat, and cure the Jaundice.

13. *Caprifolii, Periclymini, Matrislove*, Of Woodbine, called by some Honey Suckles. They are Pectoral, Traumatick, Diuretick, and Splenetick: they cure Asthma's and Coughs: Outwardly, they are Cosmetick, and take away scabs; the juyce of them is Vulnerary, and cures wounds in the head: the distilled water is a good gargle for a sore and dry mouth, it strengthens the nerves and Brain, cures Asthma's, Coughs, and Palpitation.

14. *Caryophylli rubri, Tonicæ, Flores Vetonicæ*, Clove gilliflowers or Carnations, hot and dry in 1°. They are Cephalick and cardiack, of chief use in Megrims, Apoplexia's, Epilepsies, Convulsions, Palsies, Obstructions of the nerves, swooning, palpitation of the heart, pestilential Fevers, and Poyson: outwardly, they cure wounds, draw out bones and splinters from the skull, cure the head-ach: they are a great Cordial, and exhilarate the heart. A distilled water in B.M. is excellent for the eyes. The Essence or In-

I 4 pissate

spissate juyce is good to all the purposes aforesaid.

15. *Gariophylli Silvestres*, Wild Carnations, or Pinks. They are of the nature of the former, but much weaker: the Roots of the Pink are said to prevent the Plague, break the Stone, and help the Falling-sickness.

16. *Centauri minoris*, of Centaury the less. They cleanse, scour and attenuate; kill worms, purge choler and thick humors, cure Agues, comfort and strengthen the Stomach. See the Herb, ch. 4. sect. 143.

17. *Chamemeli*, of Cammomil. Here is intended *Flores Lucanthemi odorati*: the Flowers of the which grow in Gardens. They are anodyne, heat, discuss, loosen, rarifie: in Clysters, they help the Colick, Stone, expel Wind: an infusion of them in Rhenish-wine purges the Reins, breaks the stone, expels gravel and cholerick humors, eases pain, &c. They have the virtues of the Herb. See it ch. 4. sect. 151.

18. *Cheyri*, *Leucoli lutei*, of Wall-flowers. They are hot and dry in 20. and cordial: of thin parts, emollient, absterfive, and discussive: Their Essence mollifies Scirrous tumors, provokes the terms, and expels the dead Child: an oyl of them by infusion, helps the Palsie, numbness and Gout.

19. *Cycorui*, of Succory. They are diuretick, and abate the heat of Feavers. Of these Flowers an excellent Eye-water is thus made: Gather the blew flowers (the Sun in Leo) put them into a glass body with a long neck; stop it well; wrap it up in Rye dough, put it

into an Oven to bake with bread; being cold, open it, strain; then distil in a glass body in Balneo Mariæ. This water by barely anointing the Eye-lids morning and evening with it, cures all diseases of the Eyes, as pin and web, mists, suffusions, pearls, inflammations, redness, bloodshot, &c.

10. *Consolidæ majoris*, Symphyti, of Comfrey. They are chiefly used in all sorts of fluxes both of the bowels and womb; they help ulcers in the lungs, and consumptions, spitting blood, &c. See the Root, chap. 1. sect. 45.

21. *Croci*, of Saffron; hot in 2. dry in 10. It is the greatest of all Vegetable Cordials; quickens the senses, exhilarates the heart, revives the spirits natural, vital and animal, resists poison, plague, and all malign and pestilential feavers: it provokes sweat, causeth free breathing, and prolongs life and health: it opens Obstructions of the Lungs, cures Asthma's, Phthisick, Surfeits, yellow-Jaundice, provokes urine and the terms, expels the birth, causeth lust, eases pain and aches, drives forth the measles & small-pox; dissolved in Rose-water, and the eyes washed therewith, preserves them from hurt in those diseases. It causeth sleep and rest, and is of good use in the Syncope, Apoplexy, and Suffocation of the Womb. *Tinctura Croci*. It is extracted with Spirit of Wine, and the Spirit evaporated to a due consistence: but the S. V. had better be drawn off in B. M. for it is impregnated with the virtues of the Saffron *Oleum Croci stillaticum*. Distilled oyl of Saffron; it is drawn as of other things, the water and Oyl together

gether: but it is very costly, for a pound of Saffron will yield but 2j. of oyl: But some take Saffron 1b, Turpentine 3j. Spirit of Wine 2x. distilling them with often cobobations. It's useful for the purposes aforesaid.

22. *Cyan majoris & minoris*, of Blew-bottle greater and lesser. They cool in Feavers, resist poyson, help Dropsies, and take away the pain, redness and inflammations of the eyes. See the Herb, ch. 4. sect. 201.

23. *Cynobati*, Canker-rose wild Rose. They are of the nature of the Garden-Rose, but bind much more, and therefore are very good to stop the terms & whites in women. *Bedeguar*, the Spongy Balls in powder mixed with honey and *Sal Crani humani*, helps the *Alopecia* or falling of the hair: the powder of them taken inwardly, & at a time in Rhenish-wine, helps the stone and strangury, and kills worms; but here is intended the powder of the whole Ball, viz Moss, Stones and Worms. You may draw a Spirit from them thus: R. Of the Sponges, cut them to pieces, and bruise them, digest them in water and leaven till they putrifie, then draw off the Spirit: The Caput mortuum calcine, elixivate, and extract a Salt, which mix with the former Spirit, digest; then mix all with clay, and force it through a retort with a strong fire, that the salt may pass over with the Spirit, which rectifie. This, *Hartman* saith, will insensibly dissolve and expel the stone, gut, &c. being given at a time in a proper Vehicle.

24. *Cytini*, *Punica spres sativa*, Of the Garden-Pomgranate-tree:

They have the vertues of *Balaustins*, or flowers of the wild Pomgranate-tree, which see sect. 8. a foregoing.

25. *Digitalis*, of Fox-glove. They have the vertues of the Herb, which see chap. 4. sect. 215.

26. *Echii*, of Vipers bugloss. They are very powerful against poyson, biting of Serpents, venomous Beasts, &c. They comfort and revive the heart wonderfully, being a very great Cordial. See chap. 4. sect. 223.

27. *Eriac*, Of Heath. The flowers and *Summities* are good against the stinging and biting of venomous Beasts; they open Obstructions of the Liver and Spleen, and are profitable in the Jaundice and Melancholy.

28. *Eupragie*, of Eye-brighe. You may take the *Summities*, they have the same vertues with the Herb.

29. *Fabrum*, Bean-flowers. They are Diuretick, Lichontriprick and Cosmetick, taking away spots and defects of the skin, and beautifying of it: They also help diseases of the eyes.

30. *Fumarie*, Of Fumitory. They strengthen the stomach; open obstructions of the Liver and Spleen, help hypocondriack melancholy, and are cosmetick. See the Herb, Chap. 4. Sect. 261.

31. *Geniste*, of Broom. They have the vertues of the Herb; but more particularly they help Suseits and the Black-Jaundice. See the Herb, chap. 4. sect. 271.

32. *Herbe Paralyseos*, of Cowslips. They strengthen the brain and memory, and in an Oynement

ment are Cosmetick. taking away most vices of the Skin. See the *Herb, Chap. 4. Sect. 299.* It also cures burns.

33. *Hyperici*, Of S. Johns-wort. They provoke Urine, expel the Stone, and stop Lasks. See *Chap. 4. Sect. 311.*

34. *Hysopi*, Of Hysop. They are a very good Pectoral, and cure almost all Diseases of the Breasts and Lungs; you may take the *Summities* when they are in Flower: See *Chap. 4. Sect. 312.*

35. *Jasamini*, Of Jasmine. They are an excellent Perfume, and will yield it plentifully in the Oyl of *Ben*. An Oyl made of them with Oyl-olive is of excellent use in Convulsions, Cramps, and Stitches in the Side. These Flowers are of the nature of Chamomel; they digest, heat, soften, and relax. Internally they warm and comfort the Womb; and cure the scirrhus thereof; help delivery, take away Coughs, shortness of Breath, Pleurisie, pain of the Stomach, and Bowels: Outwardly, they resolve hard cold Tumors, and in Clyster help the Colick, and pains of the Womb.

36. *Lamii albi & rubri*, *Urtice mortue*, Of dead Nettles, or Archangel: The Flowers have the Vertues of the Herb: The Flowers of the White stop the Whites; the Red the Terms. See the *Herb, Chap. 4. Sect. 269.*

37. *Lavandule*, Of Lavender. They are Cephalick, Uterine, and Arthritick: An Essence made of them; or a strong Tincture, stops Catarrhs, resolves Palsies, Cramps, Convulsions, and Lethargies, expels Urine, Terms, Birth,

and After-birth; cures pains of the Head and Bowels, as Megrimms, Colicks, &c. Helps the Epilepsie, and fits of the Mother, performing those things which *Anthos* or Rosemary-Flowers do: Outwardly, in *Lixiviums*, they warm coldness and numbness; ease pains of the Head, Joynts, and Womb; and in Masticatories dry up Catarrhs, drawing the Rheum from the Head to the Palate, that it may not fall upon the Lungs.

38. *Ligustri*, *Alcane*, Of Privet. They cool and dry, cure soreness, redness, and inflammations of the Eyes, Ulcers in the Mouth and Throat, looseness of the Gums, stop Fluxes.

39. *Lilii albi*, Of white Lillies. They are Emollient, heat moderately, and moisten, are Anodyne, cleansing, and ripening: from the fresh Flowers a Water is distilled in *Balneo Mariæ*, good against Coughs, Asthma's, and most Diseases of the Lungs; and if mixt with Camphir and Oyl of Tartar, is a good Cosmetick; an Oyl made of the Flowers by infusion in old Oyl-Olive, and repeated 4 or 5 times, helps shrunk Sinews.

40. *Lillii Convallium*, Of Lillies of the Vally. They are hot and dry, Cephalick, Cardiack, and Uterine: They help most cold Diseases of the Head, as Apoplexies, Epilepsies, Palsies, Megrimms, Vertigo's: they comfort the Heart, and are good in faintings and swoonings, and help fits of the Mother: They make an excellent sneezing powder.

41. *Lupuli*, Of the Hop, or Hops.

Hops. They are hot and dry in 2^o. open, cleanse, provoke Urine, break and expel the Stone both in Reins and Bladder, cure long and tedious Quartans and Hypochondriack Melancholy. They take away Scabs, Itch, and filth of the skin, purge Flegm and Choler, cure the Jaundice, and Scurvy, and are beneficial against the French Disease. I cannot but wonder at the foolish Opinion, and that of some Physicians too, who have been so idle as to affirm, That Hops breed the Stone, and that that Disease was not in nature till the use of Hops came up. To which we answer, 1. That famous Physicians, even *Hippocrates*, wrote of the Stone, who lived above a thousand years before Beer was invented. 2. That Experience it self has proved, that Hops do break and expel the Stone; for I have known (more than seven times) that a strong decoction of Hops has brought away several Stones from several Persons. 3. That good stale Beer will dissolve the *Calculus humanus*, if boiled therein; which it does by that sharpness which the heat gives it; and this it does by the same property by which strong Vinegar dissolves or eats Flints. 4. That being taken into our bodies it grows acid like Vinegar by virtue of our natural heat. 5. That those who for several years have drank Beer, and that stale Beer too, (for more than 20 years together) never are troubled with the Stone. 6. That the Persons troubled with the Stone are such as generally drink Ale, for which many Reasons might be offered, but that we de-

fire to avoid prolixity; and yet some have been so idle as to affirm that the Stone will dissolve in Ale, but harden in Beer; the which I my self have been an Eye-witness to the contrary. But whereas it is objected by several Lithonriptick persons, that when they drink Beer, they are exceedingly tormented, yet by drinking Ale, they alwaies find ease: To that we answer, 1. That the pain and griping which they feel comes from the hardness of the Beer, which still increaseth after it is drank, by reason the natural heat augments the acerbity, and their being unaccustomed to drink it; for we to whom custom has made it natural, feel no such thing. 2. That Ale gives no ease in the Stone, as being an Enemy, but only by accident, as palliating the pain by its smoothness and sweetness. 3. That since it is only natural for acids to work upon and fret Stones, it is more congruous to Sense and Reason, that Beer should be more profitable than Ale, how much soever the latter is preferred (by some ignorant, idle, and irrational people) before it. This we thought good to offer. And though much more might be said in defence hereof, yet we hope we have spoken enough to satisfie any rational man.

42. *Malve Vulgaris*, of Common Mallows. A Symp made of them is pectoral, and helps Coughs, Asthma's, and Ulcers of the Lungs. They have the Virtue of the Herb, which see, chap. 4. *Sect.* 388.

43. *Malve Arbores.* Of Hollihocks, a decoction of such as are red in red Wine, stop the Courfes.

44. *Matricarie.* Of Motherwort. They comfort a cold Womb, and excite it to Venerie, provoke the Terms, help Dropfies, purge by Urine, and are excellent in putrid Feavers. See the Herb, Chap. 4. Sect. 124.

45. *Meliloti*, of Melilo. They provoke Urine, break the Stone, and ease pains of the Reins, Bladder and Bowels: with Cammomil-flowers in Clysters, they expel Wind, and ease the Colick. See the Herb, Chap. 4. Sect. 404.

46. *Melisse*, *Melissophylli*. Of Bawm. Take the Summities, they have the Virtues of the Herb: See it Chap. 4. Sect. 405.

47. *Nucis juglandis*, *Nucamenta*, *Juli*. Of the Walnut-tree. They cause gentle vomiting, and are chiefly used to expel Wind in the Colick and Stone, to cure Diarrhoea's and stop Fluxes.

48. *Nymphaeae albae & luteae*, of Water-Lillies white and yellow. They are much of a nature, but the white are the best: they cool and moisten, and are good against nocturnal Pollutions: Outwardly, they are used to abate the heat of Feavers, and cause sleep, being laid to the Temples, Loins, and soles of the Feet.

49. *Origani*, of Origanum. You may take the Summities, which have the Virtues of the Herb; see it Chap. 1. Sect. 462.

50. *Papaveris albi & nigr*, of white and black Poppies. They are Hypnotick, Narcotick, and Pectoral: they are good against Diseases of the Breast and Lungs,

as Hearfnefs, Coughs, and Asthma's: they stop all Fluxes, and restore in Consumptions. Outwardly they assuage pain, and laid to the Head or Feet, cause sleep. *Extractum Florum Papaveris*. R. Heads of Poppies when they begin to flower (the red flowered is the best) bruise and digest them in Baln. Mar. with Hydromel, Matheglin, or Sack; 15 or 20 days till the Liquor is very red; then strain forcibly to express all the gummy or resinous matter; abstracted in Balneo Vaporis, till the gummy substance remain, which put into cold water, and it will straight be coagulated. This is German Opium no waies sophisticated, which may be given instead of the true Opium. Where note, That the black Poppy is not so safe as the white.

51. *Papaveris vubri*, *erratici*, of the wild Poppy or Corn-Rose; they have all the virtues of the former, and more powerful; they cool violently, cause sleep, and ease pain; used chiefly in Feavers, Quinses, and other Diseases of the Breast and Lungs; they are a specifick in the Pleurisie: The Tincture of the Flowers in the Spirit of Wine cures the Flux of the Terms: You may make an Extract of them after the manner of the former; though I think the Tincture in S. V. is no waies inferiour, if strongly made.

52. *Peonia*. Of Peony. They cure most Diseases of the Head, as Apoplexies, Epilepsies, Nightmare; take away obstructions of the Womb, and cure fits of the Mother: you may make an Extract of the dried flowers, as of Poppies: but the Essence is more powerful.

53. *Perſica*, of Peaches. They are hot and dry, and chiefly used to loosen the Belly, and kill Worms in Children. They purge watery Humors, and open Obstructions of the Mesericks and Mesentery. You may use either their distilled Water, Syrup, or Essence. By expression you make an oyl which cures the Colick taken inwardly, and perfectly takes away pains of the Ears and the Hemorrhoids.

54. *Prunella Veris*, of the Primrose. The Flowers boiled in Vinegar and applied, are good against the swellings of the Throat, *Uvula*, and Kings Evil, especially as a Gargarism. Their Essence helps all Diseases of the Breast and Lungs, and are indeed one of the greatest Pectorals; it helps the Palsie in the Tongue, Diseases of the Head, as Epilepsies, Apoplexies, Palsies: Outwardly, it is good against the Gout, and bitings of venomous beasts. The flowers are hot and dry in 1°.

55. *Prunella*, of Self-heal. The Essence is Traumatick and Vulnerary; and a good pectoral.

56. *Prunellorum sylvestrium*, of Sloes. Their Essence or distilled Water, to a wonder, helps the Colick and all other torments of the Bowels, and that in a moment.

57. *Rose alba*, of the white Rose. The distilled water is excellent in *Ophthalmia's*, to cool the Eye, comfort and clear the sight.

58. *Rose rubra*, of the red Rose. Their infusion gently purgeth, yet not so much as the white Damask and Musk Roses, these being more spiritual: Red Ro-

ses dried, bind, cool, restore such as are in Consumptions, strengthening all the Spirits Natural Vital and Animal.

59. *Rose Damascena, Palida*, Of the Damask Rose. These have the Virtues of the former, but much more powerful; they make the most pleasant of all purges in the World, either in Syrup, Essence or Quintessence, *Quintessentia Rosarum Palidarum Horstii*. R. Of Damask Roses q. s. bruise them, express their juice, from which draw a Spirit, which rectifie, then impregnate with so much of the fixed and volatile Salt of Roses, as the body of the Spirit will receive, to which if you please you may add a small proportion of Ambergrease and Musk. This Medicine Horstius commends to the Skies, in respect of which, the most benign Purges, as Rhubarb, Senna, Castia, Manna, are a kind of malignant poison; for this Medicament is as well as Cathartick, both Cephalick and Cordial, and from its fragrancy, and most incomparable odor and sweetness, comforts both Heart and Brain: It may safely be given to the least Infant, to Women with Child, and the most delicate of all persons; and is dedicated to Kings, Princes, Noblemen, and Great Ladies. It is most powerful in all dejections of the mind; it cools and comforts the animal Spirit, it is most prevalent against swooning fits, the Epilepsie, Vertigo, Carus, Lethargy, suffocation of the Womb: It revives all the Spirits, Natural, Vital, and Animal, and is the greatest preservative against the Plague and Pestilence fortifying the Heart, and defending it against all manner of Poison, Infections, and pestiferous Atoms. It may

be used in all Diseases where purging is required, for it easily, safely and pleasantly evacuates the noxious humours. Let it alwaies be given alone without any Vehicle, for all other things are unpleasant, being compared to it; for its taste and odour exceeds all things else. Dose to a man is ℥j. in the morning fasting, walking after it.

60. *Rosa canina*, Of the Wild or Canker Rose. An Essence of them binds more than of the red Roses, and therefore are very good to stop Womens Whites and their Terms.

61. *Rosa Moscata*, of the Musk-Rose. They have all the Virtues of the Damask, and of them you may in like manner make a Quintessence. Their distilled Oyl is used in Cordials, Apoplectick, Epileptick, and Cardiack mixtures. The *Anthera*, or yellow Hairs in the middle, bind, and stop Fluxes.

62. *Salvia*, of Sage. They are hot and dry in 2°. And have all the Virtues of the Herb; but are chiefly used against Palsies, Convulsions, Epilepsies, Megrims, Catarrhs, and tremblings of the heart.

63. *Sambuci*, of Elder. They discaise, mollifie, dissolve, are sudorifick and anodyne; used inwardly to prevent and cure Quartan Agues, Colick, Dropsies, and Distempers of the Stomach. Outwardly, to cure an Erysipelas, Burns, Scalds, Stitches and Pains in the sides.

64. *Saxifragia alba*, Of white Saxifrage. They have the Virtues of the Root (*Chap. 1. Sect. 425*;) and Herb, which see *Chap. 4. Sect. 593*.

65. *Scabiosa*, Of Scabious. They are Alexipharmick, Sudorifick, and Pectoral, having all the Virtues of the Herb; which see *Chap. 4. Sect. 596*.

66. *Siliginis*, Of Wheat. What the Colledge means by these I cannot well tell.

67. *Stachadis Arabice*, Of *Stachas*, or French Lavender. The Arabian is best, chuse those flowers or ears which are fresh, sweet in scent, and bitterish. They are hot and dry in 2°. cleanse, attenuate, cut, open, are cephalick, pectoral, lithontripick, and alexipharmick. Used chiefly in Diseases of the Head and Nerves, as Epilepsies, Convulsions, Palsies, Apoplexies, Lethargies, Carus, Megrims: They are as great a pectoral as Hyssop, and may be used instead thereof: they provoke Urine and the Terms, resist Poyson, break and expel the stone, and cure the hypochondriack Melancholy.

68. *Stachadis Citrine*, Of yellow Steel as or Motherwort; they are hot and dry, aperitive, absterfise, diaphoretick, and vulnerary: they open Obstructions of liver, spleen, reins, bladder, and Womb, and dry up Catarrhs, and sharp defluxions on the Lungs; kill Worms, and dissolve congealed blood: Outwardly, in a Bath, they loosen the hardness of the Womb, and in a *Lixivium* kill Nits in the head.

69. *Tamarisci*, Of Tamarisk. See the Wood, Bark, and Root; the flowers are seldom or never used.

70. *Tanacetum*, Of Tansey. They have the Virtues of the Herb, which see, *Chap. 4. Sect. 649*.

71. *Tapsi barbati*, Of white or male Mullein. They are Anodyne, and chiefly used to allay pains wheresoever, principally in the *Hæmorrhoides*, in Tumors and Apophthumes: They dye hair yellow.

72. *Tilia*, Of the Line-Tree. They are hot and dry, of tenuious parts, Discussive and Cephalick, used chiefly in the falling Sickness, dead Palsies, Apoplexies, Vertigo, Lethargy, Carus, Convulsions, and Megrim.

73. *Tussilaginis, Farsæ*, Of Colts-foot. They are not kept in the Shops, but sometimes a Conserve is made of them for the same intentions, for which the Herb is used.

74. *Verbasci*, Of female Mullein. They have the Vertues of *Tapsus barbatus*, at Sect. 71.

75. *Viole Martie*, Of Violets. They are cold in 1^o. moist in 2^o. Emollient, Loosning, Cooling, Pectoral, and Cordial. They abate the heat of Feavers, cool the

fury of Choler, resist Melancholy, cure the Head-ach, Coughs, roughness of the Throat, Catarrhs or Disillations, Pleurisies, and pains in the sides; they loosen the Belly, yet are a famous Cordial: the Juice or Syrup may be given from ℥ij. to iij. *Tinctura Violarum*. R. the Flowers, and steep them in Violat-water, strain them off, and with a few drops of Sp. Vitrioli augment the colour. But it will be better made, by first sprinkling the Spirit of Vitriol upon the Flowers, and then digesting. *Extractum Violarum*. R. Of Violets ℔j. Water ℔ij. Shake them together in a Glas Vesica, which digest in B. M. to extract the colour, then express the Tincture; to which put more fresh Flowers; proceed as before, and repeat this work several times. Lastly, strain and inspissate. It has all the Virtues aforesaid, of which you may give ʒj. You may also make a Quintessence of Violets, as of Roses, at Sect. 59.

Chap. VI. Of FRUITS.

College.] Unripe Grapes, winter-cherries, Love-Apples, Almonds sweet and bitter, Anacardium, Oranges, Hazel Nuts, Nut Ben, Barberries, Chocolate Nut, Capers, Guinny Pepper, Figs green and dry, Carpopalsamum, Cloves, Cassia fistula, Chestnuts, Cherries red and black, Cicers white, black and red, Citrons, Citruls, Coccus Indi, Cofse, Colobyrthis, Currans, Cornelis, Cubebs, Cucumers garden and wild, Gourds, Hips, Cypress cods, Quinces, Dates, Dwarf-elder-berries, Straw-berries, Galls common and Turkey, Acorns, Acorn Cups, Pomgranates, Gods-berries, I-y-berries, Herb true-love berries, Walnuts, Junibes, Juniper berries, Bay berries, Limons, Apricocks, Mandrake Apples, Peaches,

ches, Thorn-Apples, Garden-Apples, Crabs, Musk-Melons, Medlars, Mulberries, Myrobalans, Myrtle-berries, Water-Nuts, Nutmegs, Fiftick-Nuts, Vomiting Nuts, Olives pickled, Poppy heads white and black, Pompions, Kidney beans, Pine cones, Pepper white, black and long, Prunes, Prunella's, Sloes, Pears, Sumach berries, English currans, Buckthorn berries, Black berries, Raspberries, Elder berries, Sebestens, Carob cods, Services, Hawthorn berries, Pine nuts, Tamarinds, Grapes, Raisins.

SALMON's Comment.

1. **A** *Gresta*, Unripe Grapes, they are cooling, drying and binding, comfort the Stomach, stir up an Appetite (but create Crudities) and allay the heat of burning Feavers. But *Agesta* (called *Omphacium*) is the juyce of the unripe Grapes, strained and kept close in vessels, which we in England call *Verjuyce*. It is cold in 20. dry in 30. exceeding good Sauce for Meats, being a very sour juyce, and of thick substance. It is used outwardly against the heat of the Stomach and Hypochondria's, and is better in all hot diseases than Vinegar. In making of it, let the Grapes first stand 40 or 50 days in the Sun before expression.

2. *Alkekengi*, *Hal'cacaba*. *Baccæ*, Winter-cherries. The Essence, Tincture, or Decoction of the Berries are of wonderful force to provoke Urine, break the Stone, and expel Gravel.

3. *Amoris Poma*, Love-Apples. They are only eaten as Sauce in hot Countries. See chap. 4. *sect.* 326.

4. *Amygdalea dulcia*, Sweet-Almonds. The sweet are temperate and moist in 1°. nourish much, take away sharpness and pain, often used in Emulsions: from them an oyl is drawn by

expression, which is Emollient, maturative, Anodyne and pectoral. You may give ʒj. or ij. with Manna or Sugar against the Pleurisie, Colick or Stone; and for gripings in Children new born ʒij. with Sugar penids: It is excellent good in Hoarseness, Coughs, Colds, Asthma's and Ulcers of the Lungs, and cures the Doglike Appetite. *Senn.*

5. *Amygdala amara*, bitter Almonds. They are hot and dry in 20. aperient, absterfiv, attenuating, and diuretick: they help the Liver and Spleen, open Obstructions of mesentery & womb, cure the head-ach by chewing, and applying them so to the forehead: they ease pains in the side, help the Strangury, and cleanse the Lungs, cure the Cough and shortness of Breath, and the bitings of mad Dogs. The expressed oyl is good to all the intentions aforesaid; yet is not often taken inwardly. Outwardly (both the former and this) softens the hardness of the nerves, dissolves wind, helps pain and noise in the Ears, brings down the great bellies of children, helps the Dropsie, provokes urine, and cleanses the skin from scurf, morphey, spots and blemishes, if mixt with the oyl of Scorpions, and so used.

6. *Am-*

6. *Anacardia*, *Anacardium*, or Beans of Malaca; hot and dry in 4°. The Oyl is Corrosive and Caustick: it takes away Warts and hardness of the Skin, breaks Imposthumes, helps Baldness, Leprosie, and Tooth-ach, being put into the hollownes thereof; this Oyl mixt with Chalk, stains so as it will never be taken out. The Fruit is Cephalick, and strengthens the Memory and Senses; steeped in Whey and taken, they help the Asthma, & kill Worms; being burnt, it makes pleasant sport by its crackling, and lightning, yielding various and strange colours.

7. *Aurantia mala*, Oranges. See the *Peels*, chap. 2. sect. 2. The juyce of the four are best, and nearly as good as Citrons, but weaker; the Pulp helps in hot diseases, Feavers, hot Stomachs, and revives fainting Spirits. (The Seeds see Chap. 7.) *Unguentum Aurantium*. Take a sharp Orange, make a whole in it, squeeze out the juyce, with which mix Mithridate, Saffron, and a little Vinegar, put it into the Peel again, roast it in Embers, and strain it out for use. Laid on the Temples, it eases pains of the head, and causes sleep; put on the pit of the Stomach, it abates the heat thereof, and of the Heart; applied to the Wrists or Pulses, it helps Feavers, &c.

8. *Avellana*, Hazle-Nuts. Being cleansed from their skins, they are pectoral and restorative; they open Obstructions of the Lungs and Stomach, and are of good nourishment. You may draw an oyl by expression, not inferior to that of sweet Almonds, which has all the virtues of that

Oyl; besides which, it helps pains of the Joynts. The Kernels made into Milk, (as they make Almond-milk) strengthen; restore, cool the heat of Feavers, stop the Bloody-flux, and all other Lasks. If the Milk be drawn with Mead, it is pectoral, and helps old Coughs. The Filbert is best.

9. *Balanus Myrepica*, *Glans Unguentaria*. The Nut Ben; hot in 3°, dry in 2°. Mesue saith, there are two sorts; that which is as great as an Hazle-nut, which *Monsardes* calls the purging Nut; and the small like a Pease, out of which is drawn the Oyl of Ben. They have a fat oily Kernel, like an Almond, being the fruit of a Tree like an Hazel. They cleanse and purge upwards and downwards Cholera and Flegm, being given ʒi. at a time in Mead. *Oleum de Ben.* Oyl of Ben. It is made by expression, as Oyl of Almonds: It is Emollient, Dissolvent, and Pectoral; it softens the hardness of the Sinews, and cold distastes of them: dropt into the Ears, it helps pain, noise, and deafness, cures distempers of the Kidneys, as also roughness, and other faults of the skin. It never grows rancid, and is therefore used with Perfumes, as Musk, Civet, Ambergrease, &c. Some use Oyl of Cherry-stones with Benjamin dissolved for it.

10. *Berberis*, *Oxyacanthæ Galini folius*, Barberries. Cold and moist in 20. They are of thin parts, strengthen the Stomach and Liver, provoke Appetite, quench the Heat of Feavers, and stop Fluxes.

11. *Cacao*, Chocolate Nut. It is almost like an Almond, and

grows in husks, brown, yellow, and reddish: it comes from *Gut-timal*, being used there in stead of Money: the *Indians* make a drink of it with Pepper; and a Confection called *Succolata*, or *Chocolars*, the Vertues of which see Chap. 4. Sect. 113.

12. *Cappares*, Capers. See the Root, Chap. 1. Sect. 31. and Chap. 2. Sect. 5. The Buds, Chap. 4. Sect. 120.

13. *Capsici siliques*, piper *Indicum*, Guiny-Pepper. See Chap. 4. Sect. 121.

14. *Carice, siccus aride, passe*, dried Figs, hot in 2°. and temperate; they are Pectoral, help Coughs, Asthma; hoarseness, ulcers in the Lungs, spitting of Blood, Stone and Gravel in the Kidnies and Bladder; expel poyson, drive out the Measles and Small Pox: outwardly, they suppurate or ripen, and are good in pestilential buboes, Imposthumes, Phlegmones, and hot tumours behind the Ears.

15. *Cardamomum majus, minus*, Cardamoms greater and lesser: the greater are hot and dry in 2°. the lesser in 3°. they warm, attenuate, digest; are carminative, alexipharmick, and diuretick; they help concoction, and principally comfort the head and womb.

16. *Carpobalsamum*, Fruit of the Balsam-tree. It is seldom used. Cubebs are taken instead thereof.

17. *Caryophylli*, Cloves. They are a Flower, not a Fruit, made black and hard by the Sun-beams. See their Vertues, Chap. 4. Sect. 135.

18. *Cassia fistularis*, Cassia fistu-

la, or Cassia of the Cane. That of *Brasil* purges more in 3j. than the *Aegyptian* in 3ij. The pulp is extracted by taking it out of the Cane, mixing of it with Rhenish Wine, and forcing it through a sieve. *Aqua Cassia*, it is made of the Pulp with the Juice of Lemmons and Whey drawn off in B. M. dose to ʒvj. in the Stone and inflammation of the Reins. See Chap. 4. Sect. 137.

19. *Castanea*, Chestnuts. They have the Vertues of Almonds and hazel nuts, but more nourishing.

20. *Cerasa nigra*, Black-cherries. They are temperate, but inclining to moisture; they are a very great Cephalick, and cure Apoplexies, Epilepsies, Convulsions, and Palsies; you may use either their Essence, Tincture, or Spirit. Their Essence made a little thick, is one of the greatest and most wonderful Balsams in nature; you may make their Tincture or Extract with S.V. or their own water.

21. *Cerasa rubra*, Red Cherries. They cool, strengthen the heart and stomach, quench thirst, and are good in Feavers.

22. *Cicer album, nigrum, rubrum*, Chick-pease, white, black, and red. They are hot and dry in 1°. emollient, absterfise, dissulsive, and diuretick: the decoction is prevalent against the stone: their other virtues see Chap. 4. Sect. 161.

23. *Cicer Sylvestre*, Wild chiches, or chick-pease, they are hotter and dryer than the former, more biting and bitter, but operate as them: their decoction loosens the belly, provokes the terms, and

increaseth milk in Nurſes.

24. *Citria mala*, Citrons. The white pulp is cold, and of thick juyee: the inner pulp is ſowr, cold and dry, excellent good againſt feavers, and hot diſtempers of the Stomach and Liver: it reſpreſſeth Choler (as *Gales ſaith*) cauſeth Appetite, cools, cuts, and attenuates tough and ſlimy humours: the Peel is hot in 1^o. dry in 2^o. is alexipharmick, diaphoretick and carminative. It kills worms, reſiſts putrefaction and peſtilential diſeaſes: you may make a ſtrong oyl or eſſence out of them by expreſſion.

25. *Citrullus*, Citrul, a kind of Gourd; it is a fruit ſomething bigger than the other Cucumber: See its Virtues, Chap. 1. Sect. 166.

26. *Coculus Indus*, *Coculus Indus*, (they are not the *Nux Vomica*, whatever ſome ſuppoſe, for this is a kind of berry, that a real nut.) It is cold in 4^o. narcotick and poiſonous, if given in too great a quantity, cauſing deadly ſleep: of it ſelf it is dangerous, but it may be given in other Compoſitions ſafely enough to cauſe ſweat: the powder of the berry kills Lice, if ſtrewed among hair; and mixt with flower, honey and crums of bread, it preſently ſtupifies them. See Chap. 4. Sect. 171.

27. *Coffee*, *Cophy*. See the virtues thereof, Chap. 4. Sect. 178.

28. *Colocynthis*, *Coloquintida*, *Landhel*, wild Gourd: hot and dry in 3^o. It attracts, opens, cleanses, and purges only by ſtool, ſlegm and choler, and that violently: It cures the *Scotoma*, *Vertigo*, *Megrim*, continual Headach, *carus*, lethargy, *Apoplexia*, *Epilepſia*

obſtructions in the Lungs, Liver, Spleen, Gall and Reins, Greenſickneſs, &c. provokes the terms, and purges all watery and noxious humours. It is only to be given to ſtrong bodies, and that with correction, from grain vii. to ʒj. It is a powerful Medicament againſt the Jaundice, Dropſie, Gout, Scurvy and French Pox: It draws Humours from the remote parts, as brain, nerves, and joints, and expels them: It cleanses the ſkin, is good againſt putrid feavers, but kills the *Fetus*. *Spiritus Vitæ aureus Rulandi*: Take either the powder of *Coloquintida* or troches *Albanel* ʒiſ. ſpirit of wine ʒx. or xii. digeſt 20 days, decant, filter, and keep it for uſe. It purgeth all tough clammy humours, choler, ſlegm, melancholy and water without danger. It may be given every third morning from ʒii to ʒiſ; but inſpiſſated to the conſiſtence of an Extraſt, à gr. x. ad ʒj. *Extraſtum Alhandal*. R pulp of *Coloquintida* without the Seeds, digeſt it 30 days in S. V. (ſo will it loſe all its ſharpeſs) filter it, then digeſt again 20 days (and it will be yet ſweeter) laſtly correct it with oyl of Maſtick, Nutmegs, or Cinnamon, and keep it for uſe: it has all the aforeſaid Virtues, *Wickerus*. *Buo Sala* extraſts it with Plantain-water, p. ii. Sp. Vin. p. j. then decants, filtrates, and inſpiſſates to the conſiſtence of honey; of which he gives gr. iiii. ad gr. x. with correctors. But thin Canary or Rheniſh Wine makes yet a better Extraſt: And *Aqua Calcis Vivæ* yet exceeds all.

29. *Corinthiace paſſule*, *Curants*; they are an excellent cordial, gently cool and looſen the belly,

belly, and an exceeding good pectoral: where note, the Greek Cucumbers are here intended, not the English.

30. *Coran*, Cornels. They cool, dry, and bind, and stop Fluxes: give ʒj. in powder. Or you may make Rob by mixing with the juice of the Pulp p. ij. Sugar p. j.

31. *Cubebe*, Cubebs (See Chap. 4. Sect. 194.) hot and dry in 3°. They strengthen a cold and moist Stomach, expel Wind, ease the Spleen, cleanse the breast of tough humors, help Colds, Asthma's, Coughs, shortness of Breath, Hoarseness; warm and comfort a cold Womb, strengthen the Head, Heart, and Brain; macerated in Canary they excite to Venery; chewed in the mouth they are a good Masticatory.

32. *Cucumis hortenſis*, Garden-Cucumbers. They are cold and moist in 3°, and comfort very much a hot stomach; they make a good Sallet, and are to be eaten with Salt, Vinegar, Oyl, and Pepper. An Essence made of them is of great effect in Feavers, and all other hot distempers.

33. *Cucumis agrestis*, *aspinus*, Wild Cucumber, hot and dry in 2°. and of thin parts. Of the Juice hereof is made *Elaterium*, which according to the Colledge's Prescription is this. Take of wild Cucumbers almost ripe, and cut them with a Knife upwards, press out the juice gently with your foremost fingers, let it run through a sieve into a clean glazed Vessel, let it settle, and pour off the clear water into another Vessel; dry the settlings in the Sun, and keep them for your use: if you will, you may keep the

clear water for *Unguentum Artanica*. *Schroder* saith, It is made of the juice of the wild Cucumber inspissated. It is white and light, and burns in the fire like grease: it lasts good the longest of all Juices. *Egineta* commends that which is green and not above half a year old: *Dioscorides* saith, that which is white, and is from two to ten years old is best, *Lib. 4. cap. 148.* *Horsius* saith, it keeps its vertues two hundred years: *Paracelsus* saith the oldest is best: chose that which is old and very bitter. It is cleansed (whilst liquid) by dissolving in water and filtering: It is corrected by spirit of Vitriol or Alcalizate salt as Scammony. It purgeth water violently, expels the Terms, kills the fetus, and brings away both Birth and After-birth: it is a specifick against the Dropsie; and certainly (although very strong) the most excellent of all vegetable Purges. Dose à gr. i. ad gr. v. *Extractum Elaterii*. Take the depurated juice, put upon it ʒ. v. and in 24 hours it will extract a Tincture which you may inspissate. *Fœcula Elaterii*. 'Tis made of the settlings of the juice of the ripe Cucumber: the Dose of these two last is à gr. i. ad ii. *Extractum Elaterii Salmonis*, It is made by putting two or three Cucumbers slit into a pint of strong lime-water, and in a few days it extracts all the Cathartick vertue. It is a most excellent purge; give two or three Spoonfuls: you may make it stronger or weaker, according to the age and strength of the Patient.

34. *Cucurbita*, Garden-Gourd. It has the vertues of the Garden-Cucumber, which see sect. 32. a distilled water of the unripe Fruit,

Fruit, or the juice thereof, abates inward heat, and is good against all external inflammations of the Eyes. The wild Gourd is *Coccythia*, see Sect. 28.

35. *Cynosbati fructus*, Hips, or Fruit of the Canker Rose. The Pulp cools and pleases the Stomach, is good against Feavers and unnatural heat; the Seeds break the Stone.

36. *Cupressi con*, Cypress coods. Temperate and dry in 3°. they are astringent, stop all Fluxes of Blood, suck up moisture, and heal old Ulcers.

37. *Cidonia*, Quinces. Cold in 1°. dry in 2°. They are stomachical, astringent, good against Vomiting, Fluxes, Hickers, and illness of the Stomach and Bowels. Schröder saith, they bind before meat, and loosen the Belly after meat. They are sometimes candied or preserved whole: Wine of Quinces is the liquid Juice fermented with Sugar. Rob or Quindony of Quinces is the juice inspissate to the consistence of Honey. Marmalade of Quinces is their decoction filtrated through a bag, and made thick with Sugar, and put into Boxes. *Diacydonium* is the sour juice p. ij. Sugar p. i. boiled to a thickness. Spirit of Quinces is made of the sweet juice fermented. Oyl of Quinces is made of Quinces not pared, infused in Oyl *Omphacine*.

38. *Dactylus*, Dates. They are hot and dry, pectoral, stop Fluxes of the Belly, strengthen the Child in the Womb, heat the Reins and Bladder; but they breed gross blood, and easily create Obstructions, being hard of concoction: Outwardly they

are Emollient: Chuse the great yellow sort, full, fleshy Date, a little wrinkled, white about the stone, and red at the Rind, which tastes like Wine, and being shaken make no noise. They grow in Judea, Syria, Egypt, and the like hot places. Unripe Dates stop Fluxes, and help the falling out of the fundament.

39. *Ebuli*, *Chamaetis grana*, Dwarf Elder-berries. You may make Essence, Tincture, and Rob of them, as of Elder-berries: they purge Water, cause Sweat, cure Dropsies, Cachexies, and suffocation of the Womb, which they remove in the fit by sweat.

40. *Ficus viridis*, Green figs. They are said to be good against the Stone: and applied ease pains of the Gout.

41. *Fraga*, Strawberries. They quench thirst, help inflammations of the stomach, comfort the Heart, revive the spirits, cool, moisten, and are good against diseases of the spleen, and the reins, resist Poyson and Melancholy, provoke Urine, and are good against the stone. You may make, 1. a Tincture of them with their own water or Rhenish Wine. 2. An Essence of the Juice. 3. A Spirit of the Juice fermented.

42. *Galle communs & Turcicae*, Galls common and Turkey. Cold in 2°. dry in 3°. They are very drying and binding, used in drying and making Ink. Their decoction in water or sharp wine stops all manner of fluxes, cures Vomiting, and the Colic Passion: burnt they stanch blood; let them be laid on burning coals till white, and then quenched in

Vinegar. The unripe gall is called *Omphacitis*, and is a harsh Medicine; it fastens loose Teeth, stops Fluxes and Rheums, especially those of the Gums, Throat, and Mouth.

43. *Glandes Quercine*, Acorns. They stop Fluxes of the Belly, Womb and Seed: help spitting of Blood, provoke Urine, and expel Poison: they dry up the Fluxes of Rheum which fall upon the Almonds and Jaws, and are said to ease pains of the sides.

44. *Glandium Quercinorum caliche, cupule*, Acorn-Cups. They have the Virtues of Acorns, but are more binding.

45. *Græcata mala, Mala punica*, Pomgranates. They are of two sorts, *Acid*, and *Wine-like*: They have both an excellent juice, and comfort the Stomach; the *Wine-like* are Temperate, Cephalick, and Cordial, good against the Megrim, the Syncope, and palpitation of the heart. The *Acid* are cold and astringent, used in Vomiting, Choleric Fevers, Gonorrhœas, foul and sore Mouths, *Pica* in Women with Child.

46. *Grossularie, Uvae crispæ*, Gooseberries. The unripe Berries are cold and dry in 2^o. and astringent, serving for Sauces, to cool in hot Fevers, to stop Fluxes and the Terms, cool Inflammations and Erisipelas, and to cause Appetite. The ripe Berries are sweet and of good nourishment: Of them an excellent Wine is made by mixing the Pulp with Water, so much as may make it thin enough to ferment.

48. *Hederæ bacca*, Ivy-berries.

They are Diuretick, Lithontrip-tick, Alexipharmick, and as *Schroder* saith, Emetick, and Cathartick, given in burning and pestilential Feavers.

48. *Herbæ Paradis bacca*, Herb True-Love Berries. Inwardly, they are good against all manner of Poyson, Plague, and pestilential Diseases; they resist the Venom of Arsnick, being taken 20 days together: they are thought to be Hypnotick. The Herb is also called *Triphyllus*, and *Solanum Tetraphyllum*, or four-leav'd Nightshade.

49. *Juglandes*, Walnuts. The green Nuts boiled in Sugar and eaten, comfort the Stomach, and resist Poyson and Plague, and are prevalent in pestilential Feavers. The *Julii* cause gentle vomiting, give ease in Colick and Stone, and cure Fluxes. The meat of the ripe Nuts is pectoral and good against Plague and Poyson. The expressed Oil is Carminative, Balsamick and healing; it softens shrunk Sinews, cures old Scabs, and smooths the skin.

50. *Jujube*, Jujubes, temperate and moist in 1^o. ferè. They are a long fruit almost like an Olive, with one stone, and taste like a raisin; they grow in Italy upon the *Ziziph* Tree. They are pectoral, good against Coughs, Colds, Hoarsness, Pleurifies, spitting of Blood, sharpness of Urine, and corrosion of Reins and Bladder.

51. *Juniperi bacca*, Juniper Berries. hot in 3^o. dry in 2^o. They are Diuretick, Lithontrip-tick, Sudorifick, Alexipharmick, Cephalick, Pectoral, and Hysterick: they provoke Urine and the

Terms,

Terms, and expel Wind, open obstructions in the Breast, Spleen, Reins and Bladder; are good against the Plague, and all other malign Fevers, the Strangury and Dropſie, the biting of mad Dogs, or any other venomous Creatures; they are good againſt the Colick and Stone, Convulſions and rawneſs of the Stomach, Heart-qualms, Rheums, Frenſie, Madneſs, yellow Jaundice, Epilepſie, Gout, and Paſſie. From the Berries are, 1. A diſtilled water without fermentation. 2. A Spirit from their juice fermented with water four or five days. 3. A diſtilled Oyl, in diſtilling the water, that is the Spirit. 4. Salt of their aſhes. 5. An Extract of the Berries, with S.V. or their own Spirit, which is given from ℥i to ℥ij. 6. Elixir of Juniper. R. Ripe Berries well bruised, digeſt in their own water impregnated with Salt of Juniper; ſtrain and inſpiſſate to the conſiſtency of an Extract, or of Honey; with which mix twelve times ſo much rectified Spirit of Juniper, digeſt in the Sun or a gentle Balneo 40. days, ſo have you an Elixir compleated with all the Virtues of Juniper-Berries. 7. An Eſſence made of the juſſe impregnated with their own Salt. Both the Elixir and Eſſence are very great Secrets in the Stone and all peſſential Diſtempers: you may give of either a ſpoonful.

52. *Lauri Baccæ*, Bay-berries, hot and dry in 3°. They provoke the Terms and Urine, expel Wind, eaſe all manner of pains proceeding of cold, are good againſt the Colick, Stone, Obſtructions of the Reins and Bladder; they are Cephalick, and com-

fort the Nerves, cure Paſſies, Convulſions and Epilepſies, eaſe pains after Travel, and comfort a cold ſtomach. Outwardly, they are good againſt the Gout, Sciatica, and ſtinging of venomous Beaſts; are Anodyne, and in a Gargarism cure the Tooth-ach. You may make all the ſame preparations, which are made of Juniper Berries. As an Eſſence of them, being digeſted in their own Spirit or Sherry Wine, impregnated with their own Salt. An Oyl thus, R. Of the bruised Berries, ℔i. warm water ℔iſs. digeſt a while and diſtil in an Alembick or Veſick, ſo have you an Oyl and water, which ſeparate. It has all the Virtues of the Berries: Outwardly, it is Coſmetick, cures ſcald Heads, and kills Lice: you may make an Oyl alſo by expreſſion.

53. *Lemonia*, Lemons. They have the Virtues of Citrons, but are ſharper, dryer, and cooler; excellent againſt Feavers, other hot Diſeaſes, and the Stone: they ſtrengthen the ſtomach, and create Appetite.

54. *Mala Armeniaca*, *præcocia*. Apricocks, cold and moiſt in 20°. They are grateful to the ſtomach, yet very apt to putrefie there, and therefore more dangerous in ſurſeiting.

55. *Mala Mandragore*, *Mandrake* Apples. They are cold and moiſt in 40°. *Dioſcorides* ſaith, They may be eaten with Pepper and hot Spice: and you have the Opinion of *Ariceu* for it, that they cleanſe the Matrix: doubtleſs they cauſe fruitfulneſs, elſe *Rachel* had never been ſo covetous of *Reuben's* Mandrakes.

56. *Mala Persica*, Peaches cold and moist in 2°. They are pleasant to the Stomach, but easily corrupt: before meat they loosen the belly; being dried they bind and stop Fluxes.

57. *Mala Stramonia*, Thorn-Apple. Cold in 4°. and Narcotick as Mandrake Apples; made into an Unguent or Balsam, they help all Inflammations, Burns and Scalds, and ease pain in a moment.

58. *Mala hortensis*, Garden-Apples. Here is intended them which we call Pippins and Pear-mains. They are cooling, and good in Fevers; they comfort the Heart and Stomach, and gently loosen the Belly. The *Essence* is good for all the purposes aforesaid, being made of the Juice fermented the which we in England call *Sider*: it is best made of the fruit first rotten, for then they yield the most in quantity, and make *Sider* of the richest taste.

59. *Mala sylvestria*, Crabs or Wildings. They are cold and moist, help all inflammations, Burnings and Scaldings; if presently applied, more especially if mixt with yeast of Beer; inwardly the Juice is good against heat of the Stomach, Vomiting and Fainting, and makes good Sauce.

60. *Melones Melopeponis*, Melons, and Musk-melons. They are very cold and moist, and harder of digestion than Cucumbers: they are subject to putrefie, and cause Surfeits: boiled or baked and eaten with Oyl, Pepper Salt, Vinegar, or Wine; they are good food but abate lust.

61. *Mespila*, Medlars. They are

cold, dry, and astringent; most binding whilst hard; they stop the *Dysenteria*, and all manner of Fluxes, and stay Vomiting. The rotten are less hurtful, but easily putrefie.

62. *Mora*, Mulberries. The unripe Berries are cold and dry in 3°. very astringent, being very effectual against all Fluxes, as *Diarthæa*s, *Dysenteria*s, *Lyenteria*'s Terms, Whites, and spitting Blood: Outwardly, in a Gargarism they help inflam'd and sore Mouths and Throats. The ripe Berries are cold and moist, and taken before meat, loosen the Belly, quench Thirst, comfort the Stomach, stop Vomiting, and cause Appetite, yet soon putrefie.

63. *Myrobalani Bellerica*, *Chebule*, *Citrine*, *Embllica*, *Indica*. The five sorts of Myrobalans. The *Bellerick* purge Flegm: The *Chebule* first purge Flegm, then Chol'er: The *Citrine* or *yellow* purge Chol'er: The *Embllick*, purge Flegm and Water: The *Indian* or *black* purge Melancholy. Dose à ʒvj. ad ʒjss. The *Bellerick* are round; the *Chebule*, long with corners; the *Citrine* are round like the *Bellerick*; the *Indian* black and eight cornered. *Harsius* saith, That they are *Prunorum quedam genera*, a kind of Prunes found growing in the Kingdom of *Cambai*, which the *Arabians* call *delegi*. *Sala* makes an Extract of them (being stoned) by beating the pulpy part, and steeping it in water for some days, then straining and inspissating; others add juvece of Pearmains, and then inspissate.

64. *Myrtilli*, *Myrti bacce*, *Myrtic*

tle Berries. They are Segnotick, and dry much, they are not used often internally, but in Fluxes of the Bowels, spitting of Blood, and all other Fluxes of Blood. In a Fomentation they help the Piles; in a Cataplasim with Barly meal, they take away heat and inflammations of the Eyes, help Ruprures, broken Boies, Luxations, and weakness of the Limbs. A Syrup of them is Pectoral, good against Coughs, Colds, and Ulcers of the Lungs: a decoction of them cures the falling out of the Womb and Fundament, cures Tettors, scald Heads, and Scurf or Morphew, by fomenting the part.

65. *Nuces aquaticæ*, *Tribuli aquatici* Nuts, Water-Nuts. They are the Fruit of the Water-Caltrop: being drunk in Rhenish-wine, they help the Stone, and resist Poyson: The Powder of the Nuts are very good against pissing Blood, Gravel and Fluxes: Bread made of the Kernels, bind the Belly.

66. *Nuces Cypressi*, Cypress-Nuts. They are the Fruit of the Cypress-tree, cold in 10. and dry in 30. The Nuts drunk in Alicant, stop all Fluxes of Blood, consolidate Ulcers in stubborn Bodies, and dry up excessive moisture, and cure Ruptures, Polypus, Carbuncles, Phagedons, &c.

67. *Nuces Moschatæ*, *Myrsicæ*, Nutmegs. They grow in the Molucca Islands, Zeilan and the Isle of Banda in the East-Indies. They are hot and dry in 20. Cephalick, Pectoral, Cardiack, and Carminative. They cause a sweet Breath, quicken the Sight, comfort the Stomach, strengthen the

Liver, ease pain of the Spleen, expel Wind, stop Lasks, and help against all cold Diseases; they help concoction, are good against faintings and palpitation of the heart.

Syrup of Nutmegs. Infuse them bruised in strong S. V. twenty days, decant the Tincture, and make it thick like a Syrup by dissolving white Sugarcandy therein. It is good against the Colick, and all manner of griping in the Sides and Bowels, taking two or three spoonfuls in the morning fasting for several days together. Candied Nutmegs: They are brought so out of the Indies; but we may do them thus: Rx. Of the newest Nutmegs, steep them (to soften them) in a strong Lixivium of quick Lime, or Salt of Tartar, scrape of the outward shell, and wash them till the Lixivium is gone; then dry them, and candy them with Syrup of Sugar. Distilled Oyl of Nutmegs: It is drawn with the water, and must be separated with a separating Funnel. It has all the virtues of the Nutmegs, and may be given à gut. iij. ad vj.

Oyl of Nutmegs by expression: Rx. Fresh Nutmegs, bruise them well, heat them in a double Vessel, or a Frying pan, and strain out the Oyl (whilst hot) with an Almond Press. It has the virtues of the former, is good in the Colick and Stone, given in Canary: Outwardly it is Anodyne, causeth rest anointed on the Temples, and so also easeth pain of the Head. Extract of Nutmegs: Rx. Of the expressed Oyl, and make an Extract by digesting in S. V. tartarized, decant, filter, and evaporate to the consistence of Oyl. Balsam of Nutmegs: Mix the expressed Oyl with some few drops of the distilled Oyl. And after the same manner

you

you may make Syrup, Confects, Oyls, Extract, and Balsam of Mace, or you may make them joynly. See Mace, Chap. 2. Sect. 20. Where note that the Oyl of Mace or Nutmegs by expression, is the Ground, Foundation, and Body of all Great, Noble, and Generous artificial Balsams: for if to Oyl of Mace or Nutmegs by expression you add a small proportion of Oyl of Cinnamon, you have Balsam of Cinnamon, &c. Choose them which are fresh, heavy, fat, and which, when pricked, force out Oyl.

68. *Nuces Pistachiae*, Pistick or Pistick Nuts. They nourish, restore in Consumptions, are Peccoral, cause Lust, and have all the Vertues of Hazel-Nuts, but much exceeding them.

69. *Nuces Vomicae*, Vomiting Nuts. They are cold in 4^o. and Melancholick, causing deadly sleep. Some suppose them to be poysonous, and not fit to be given inwardly alone: yet gr. iij. or iiij. taken inwardly cause sweat, and expel pestilential Vapours: the powder of them given to Beasts and Fowls, presently stupifies them, and if taken in any large quantity kills them.

70. *Olive Muria condita*, Pickled Olives. They cool Inflammation, and cause Appetite. See Chap. 9.

71. *Papaveris albi & nigri capita*, White and black Poppy-heads. They are stronger than the Seed to cause sleep, and repress distillations, and come nearly in strength to Opium; See the seed, chap. 7.

72. *Pepones*, Pompions or great Mellons. See Chap. 4. Sect. 490. and 491.

73. *Phaseoli*, Kidney Beans: See Chap. 4. Sect. 505. The great Garden kind, and the wild are very strong food, and nourish much: the Meal with Oxytel cures the Inflammations of Bruises, Tumors, and Wounds: in a Cataplasim, it ripens Tumors, is Anodyne, and helps the Kings Evil.

74. *Pini Coni*, Pine Cods. The whole Cones or Cods (being fresh) boyled in Canary, and drunk every morning fasting a good draught, helps old Coughs, Asthma's, and Consumptions of the Lungs.

75. *Piper rotundum, album & nigrum*; *Piper longum*. Pepper round and long: the round is white and black. They have all one and the same Vertue; the long Pepper is the best, then the white: lastly, the black: they are hot and dry in 3^o. Pepper is attractive, digestive, discutient, diuretick, Alexipharmick, Cephalick, Stomatick, Nephritick, and Uterine. It warms a cold stomach, provokes Urine and the Terms, expels Wind, dissolves the Kings Evil, digests crude Humors, causes Appetite, and cures Agues; it helps a weak sight, and cures cold diseases of the Head and Nerves. *Tinctura Piperis*. R. Black Pepper grossly bruised ℥ij. Spirit of Wine ℔ij. digest till the Tincture is blood-red, then decant and keep it for use; it has all the Vertues of the Pepper, and potently provokes the Terms, given in any convenient Vehicle for some days. *Oleum Piperis*. It is made as Oyl of other Berries, ℔xxiiij. of Pepper yields but ℥i. of Oyl; for which cause put the distilled water often upon the Caput

Mortuum, & you will have the more. Dose à gut. ij. ad v. It pierces strongly, expels wind, and cures tertians given two hours before the fit, and mixt also with some warming Oyntment to anoint upon the back.

76. *Pruna Gallica, Damascena, & Brignolentia, vel Prunella.* Prunes French, Damask, and of Brignola. See Chap. 4. Sect. 537. They are all cold and moist, loosen the Belly, allay the sharp Humors, and quench Thirst. *Prunella's* are the best, cool and moisten more than the others, strengthen the Stomach, and are excellent in Feavers; but move not the Belly.

77. *Prunella sylvestria*, Sloes. They are cold and dry, and very binding: the juice of Sloes stops the belly, and all fluxes, the terms, whites, and all issues of blood, stops vomiting and causes an Appetite; it corrects sharp and thin Choler, strengthens the Stomach and Liver, cools Inflammations, and causes rest in hot Diseases. Dose is 3j.

78. *Pyræ*, Pears. All sorts of them are grateful to the Stomach, cool and bind, chiefly the sour; the sweet a little loosens. Their Essence (which is called *Perry*) is made like Wine; it is an excellent and strong Liquor, very much exceeding all French Wines: It is a Cordial, and revives the Spirits, and comforts the whole man: you may give it in feavers; it is much more innocent than thin Wines; you may with it extract Tinctures, draw Essences out of dry Herbs, and do many other excellent things.

79. *Rhus*, Sumach Berries. Cold in 1^o, dry in 3^o. They very much bind, and stop all fluxes of blood.

80. *Ribesja*, English Currants; cold and dry in 2^o. They allay Choler, cool Inflammations, comfort a hot Stomach, heal a Dysentery, stop fluxes, quench thirst, resist putrefaction, and are excellent in feavers.

81. *Rhamni, Spine Cervine fructus*, Buckthorn-berries, hot and dry in 2^o. They are the most excellent of all strong Vegetable Purges, carrying away Choler, Flegm, and watery Humours, and drawing them from all parts of the body: They are of great force against Cachexies, Dropsies, Jaundice, Gout, and Kings evil: of the Berries you may give from 15 to 25, or you may give them in powder à 3j. ad 3jss. In decoction you may give from 40 to 60; or you may make an Essence of them, and give of it 3j; or a Syrup and give it from 3j to 3ij. You must gather them about Michaelmas; if the berries be ripe, the Syrup will be green; but if not ripe, yellow: you may make an Extract as of *Tithymal*, Chap. 4. Sect. 865.

82. *Rubi vulgari's fructus*, *Mora Bati*, Bramble-berries, or black berries. The fruit unripe is cold, dry, and astringent. They are good against Dysentery's, all manner of Fluxes and Lasks, the overflowing of the Terms and Whites, Gonorrhœa's, Vomiting, weakness of the Stomach, and spitting Blood; they are one of the greatest astringents in nature, and ought to be valued in those

case;

cases where binders and strengtheners are used, whether inwardly or outwardly : Outwardly, they heal the *Aphtha*, and cleanse foul and sore mouths; stop bleeding in Wounds, and cure them, and are in a fomentation or oylment good against the falling out of the fundament; they are good in luxations and fractures, and fasten loose Teeth. The ripe Berries are a great Cordial, and contain a notable Restorative and enlivening Spirit: Their Essence or Wine is made as Wine is, and is not much inferiour to Canas-y.

83. *Rubi Idei fructus*, Raspberries. They have the Virtues of the former, more cordial and less binding.

84. *Sambuci baccæ*, *Grana Albes*, they are Diuretick, Sudorifick, and Alexipharmick, good against stoppage of Urine, Gravel, Stone, and of notable force against the suffocation of the Womb, and other Diseases of the Matrix. You may make of them, 1. *Rob* or *Quiddany*, of the Pulp of the ripe Berries. 2. *A Tincture* or *Extract* with *S. V.* Sharpned with Spirit of Vitriol or Sulphur and put upon the Rob or dried Berries; with the spirit it is called *Tincture*; the spirit being abstracted, it is called *Extract*; of the one you may give $\mathfrak{z}\text{ss}$. of the *Extract* $\mathfrak{z}\text{ss}$. *A Spirit* of the fermented Juice of the ripe Berries. 4. *An expressed Oyl* of the stones well wash'd and dry'd, then sprinkled with Wine, and strongly press'd in an Almond Press. 5. *Fragea Granorum, Albes Quercitani*. Make a Paste with the expressed Juice of the Berries

and Rye-flower, which make into very small Loaves, and bake them twice in an Oven (without burning) till they are hard enough to powder: powder the Loaves, and with new Juice make a new Paste, and bake as before; which repeat the third time, Powder, and keep it for use. It is a specificke in the bloody flux: Dose \mathfrak{a} $\mathfrak{z}\text{j}$. *ad* $\mathfrak{z}\text{j}\text{ss}$.

85. *Sebesten, Myxe*, *Sebestens*. They are like in form and virtue to a Damson or Prune, temperate and moist, good against Catarrhs, Obstructions of the Bowels, and burning Feavers: they strengthen the stomach, and quench Thirst.

86. *Silique Cassie*, *Ceratonix*, *Carob Cods*. They have a Juice like Honey, which is drying and binding, is pectoral, helps Coughs and Asthma's, cools the heat of the stomach, strengthens it, and provokes Urine; the green loosen the belly.

87. *Sorba*, *Services*. They are cooling, drying, and binding, stop fluxes of the Belly, the Terms and Whites, strengthen the stomach, and stop vomiting: outwardly they heal Wounds; dry them in an Oven, and powder them.

88. *Spina albe baccæ* *Haws*, or *White-thorn Berries*. They are astringent, and stop all sorts of Lasks, and the terms in Women. The Powder of the stones drank in Rhenish Wine, helps the stone and dropsie.

89. *Strobili, Pinei Nuclei*, *Pine-Nut*. They are temperate and moist, restorative and pectoral; They are emollient, glutinative, discutive, digestive, and nourish much.

much: They are chiefly used in Consumptions, decays of Nature, Coughs, Asthma's, Ulcers in the Kidneys, Strangury, and sharpness of Urine.

90. *Tamarindi*, Tamarinds. Cold and dry in 2°. They quench Thirst and gently purge Choler, and sharp and burnt humors; are excellent good against all burning and putrid Feavers, Tertians, and hot distempers of the Liver and Reins, the Gonorrhoea, and Scurvy; and recreate the vital Spirits. Dose of the Pulp, ʒ ʒj. ad ʒij. You may also use them in decoction, for it is acid and pleasant, and gently looseth the Belly: chuse them that are fresh, blackish, red, fat, and wine-tasted, with many strings.

91. *Uve passæ majores*, ripe grapes and Raisins, hot and moist in 1°. Grapes eaten largely, often produce a Diarrhoea; they strengthen and comfort the Stomach, and revive the Vital and Animal Spirits.

The Essence of the ripe Grape is Wine. Raisins are ripe Grapes dried in the Sun, and so are made very sweet: Or in an Oven, and so are four sweet. They are Peccoral, Restorative, and a little Loosning; they strengthen the Stomach, are of good nourishment, cleansing, healing, and anodyne. They are good against Coughs, Colds, Asthma's, Obstructions, and Ulcers in the mouth, lungs, stomach, wind-pipe, Kidneys and bladder; they concoct and allay the sharpness of Humours, strengthen the whole Body, resist putrefaction, and restore in Consumptions: Outwardly they ripen Tumors, help Gouts, Gangrenes, and Mortifications; and made into a Balsam, they are Vulnery, and heal all manner of Wounds and Sores. The Stones stop Vomiting and fluxes, being parched and given in Powder.

Chap. VII. Of SEEDS.

Colledge.] Of Common Wormwood, Marsh Wormwood, Wormseed, of Sorrel, Agnus Castus, Marshmallows, Bishops weed true and common, Amomum, Dill, Angelica, Annis, Roses, Parsley, Smallage, Columbines, Asparagus, Arach, Oats, Oranges, Burdock, Basil, Barberries, Cotton, Butchers broom or Knee-holly, Hemp, Cardamoms, Carduus Benedictus, Ladies Thistle, Bastard Saffron, Carraways, Spurge greater and lesser, Colewort, Onions, Cherry-stones, Chervil, Chick-pease, Succory, Hemlock, Citrons, Citruls, Scurvygrass, Colocynthis, Coriander, Samphir, Cucumers garden and wild, Gourds, Quinces, Cummin, Canker-dryer, Dates, Carrots garden and wild, Dwarf Elder, Endive, Rocket, Hedge-mustard, bitter Vetch, Beans, Fennel, Fenugreek; Alstree-keys, Fumitory, Broom, Spurge, Grains of Paradise, Pomegranates, wild Rue, Alexanders, Barly, white

Flux.

Henbane, St. John's wort, Hyssop, Lettice, sharp-pointed Dock, Laurel, Lentils, Lovage, Lemmons, Linseed, Gromwell, Darnel, Sweet Trefoil, Lupins, Maskerwort, Marjoram, Mallows, Mandrake, Mellons, Medlars, Mezereon, Millet, Sweet Narew, Crisses, Gith, Kernels of Apricocks, of Peaches, Rice, Panick, Poppies white and black, Parsnips garden and wild, Stone-Parsly English and Macedonian, Burnet, Pease, Plantane, Peony, Leeks, Pimpernell, Fleawort, Turneps, Radishes, Sumach, Rue, Saxifrage, Endive, Oyly pulse, Hartwort, common, and of Creet, Mustard-seed, Garden Nightshade, Staves Acre, Triacle, Mustard, Wheat, Tares or Vetches, Violets, Nettles common and Roman, Grape-stones, Spelt-corn.

SALMON'S Comment.

1. **Absinthii**, Of Wormwood.

They have the Virtues of the Herb, which see Chap. 4. Sect. 3.

2. **Absinthii Marini**, Seriphii, of Marsh-wormwood. I never could see any Seed it had. See Chap. 4. Sect. 5.

3. **Absinthii Santonici**, of Santonick Wormwood: This grows in India, Alexandria, and Egypt, and is called holy Wormwood: The Seed is generally called *Santonitum* or Wormseed. It strengthens the Stomach, and is vulgarly used to kill and expel Worms.

4. **Acetosae**, *Oxalidis*, of Sorrel: drank in red wine, it stops bloody Flux and Lasks.

5. **Agni Casti**, *Viticis*, of Agnus Castus. They have the Virtues of the herb, which see Chap. 4. Sect. 17. drank in Rhenish wine &c. at a time in powder, it is said to help the Dropsie, and bitings of venomous Beasts.

6. **Altheae**, *Bismalvae*, of Marsh-Mallows. The powder of them stops lasks, the bloody flux, &c. all other issues of blood: they are emollient, digestive, of thin parts, and good against the stone.

7. **Ammeos Veri**; *Cumini Aethiopici*, of true Bishops-weed, or

Ethiopian Cummin; hot and dry in 3°. It is Carminative, Alexipharmick, and pectoral: It is good against all poyson, plague and pestilential Feavers: It is of thin subtil parts, a little bitter and sharp, digestive, aperient, and diuretick: It provokes the terms and urine, expels wind, and causes Lust. In a Cataplasm with Honey, it dissolves Tumours and congealed blood.

8. **Ammeos Vulgaris**, of vulgar Bishops-weed. The Seed of this has the Virtues of the former, but not so strong.

9. **Amomi**, Seeds of Amomum. They are hot and dry, and Segnorick, Hypnotick, and Anodyne: they cause pains of the head, ripen Impostumes, and help the stinging of Scorpions: they are Alexipharmick, help fits of the Mother, expel wind, ease the Colick, and applied with Basil give ease in the Gout.

10. **Anethi**, of Dill, hot and dry in 3°. It is stomachical, Nephritick, Carminative and Pectoral: provokes urine and the terms, encreases Seed, and milk in Nurses, strengthens the stomach, resists vomiting; is anodyne, concocts humours, and causeth sleep:

sleep: it eases pain of the head and nerves, helps Convulsions, and cures Coughs, Asthma's, and other diseases of the Lungs: You may make a distilled Oyl for the purposes aforesaid.

11. *Angelice*, of Angelica. They are least used. See the *Root*, chap. 1. *sest.* 7. and the *Herb*, chap. 4. *sest.* 42.

12. *Anisi*, Anniseeds: hot and dry in 3°. They attenuate, provoke Urine, expel wind, encrease milk, provoke lust, sweeten the breath, are pectoral, help Coughs, and shortness of breath, cleanse the Breast and Lungs from slegm, bring down swollen Bellies; strengthen the stomach, and help all cold diseases thereof, continual Coughs, obstruction of Liver, and Quartan Agues. You may make from them a water and an oyl, prevalent to all the purposes aforesaid: the distilled water will be milk-white, which if set in the Sun, sends much oyl to the top. If you steep the Seed long, you will have the more oyl, a full ounce from a pound. *Schroder* says 5i. of the Seeds (in powder) given to a child, purges and vomits gently.

13. *Anthera*, *semita Rosarum*, Rose-threads, viz. the yellow threads in the middle: they are not seeds; the seeds are contained in the hip: they are mixt with dentifrices to fasten the Teeth and Gums, and dry up Defluxions.

14. *Apii*, Of Parsly, hot in 2°. dry in 3°. It is a great Pectoral, Nephritick and Carminative: helps all Coughs, Colds, Asthma's, Phthisicks, *Cachexia*, Jaundice, Dropsie; provokes Urine, breaks

and dissolves the Stone, cleanses the Kidnies from Gravel, brings down the Courses and Birth, opens Obstructions of Liver and Spleen: helps the Colick, and expels Poyson: You may distill an oyl from the Seed, as from Aniseed. See the *Herb*, Chap. 4. *sest.* 478.

15. *Apii rustici*, vel *aquatici*, *Paludapii*, *Eleoselinii*. Of Smallage. It has the vertues of the Herb, which see Chap. 4. *sest.* 478.

16. *Aquilegie*, Of Columbine. It facilitates Womens labour drunk in Canary: ʒj. given in Sherry wine with ʒss of Saffron, and sweating with it, opens obstructions of the Liver, helps the Jaundice, and expels the Measles and Small Pox.

17. *Asparagi*, Of Asparagus. It has the vertues of the Root, which see Chap. 1. *sest.* 17.

18. *Atriplicis*, Of Arach. The Seed is seldom or never used. See the *Herb*, Chap. 4. *sest.* 66. Yet taken with Mead, it helps the Jaundice, and *Galen* saith it opens Obstructions of the Liver.

19. *Avena*, Oats, heat in a frying pan (whole) with spirit of wine, and put into a bag, and applied to the side or belly as hot as can be endured, helps all manner of pains there, fitches and colick. The meal in a Cataplasm, discusses tumors, and dries up sores or ulcers chiefly in the head.

20. *Aurantium*, Of Oranges. It kills worms, resists Poyson, and helps the stinging of Scorpions.

21. *Bardane*, Of Burdock. It is hot, dry, and digesting; and being drunk in Rhenish wine for 50 or 60 days together, it helps

Strangury, breaks the Stone, and helps the Sciatica.

22. *Basilici, Ocymi*, of Basil. It is good against Asthma's, Hypochondriack Melancholy, & Strangury.

23. *Berberis, Oxyacanthæ Galeæ*, of Barberries: They are drying and binding, and stop Fluxes.

24. *Bombacis*, of the Cotton-tree. It helps Coughs, Asthma's, gnawings of the Stomach, and Agues; encrease Seed, and stirs up Lust: the expressed oyl is Costmetick.

25. *Brasæ, Rusci*, of Butchers Broom, or Knee-holly. It is seldom used; but it provokes the Terms, and helps the Head-ach and yellow Jaundice.

26. *Cannabis*, of Hemp. It is hot and dry, consumes the Seed, and being used causes barrenness: *Schroder* saith, That it cures the Cough and Jaundice, but fills the Head with vapours.

27. *Cardamomi majoris & minoris*, Cardamoms greater and lesser. See them, chap. 6.

28. *Cardui Benedicti*, of the blessed Thistle. It opens Obstructions of the Liver, and has the virtues of the Herb, but not so often used. See it chap. 4. sect. 126.

29. *Cardui Mariæ*, of the Ladies Thistle. Hot and dry in 2°. It cuts, opens, chiefly used in Pleurisies, Jaundice, and Dropsies, as also in Emulsions. Dose ʒi.

30. *Carthami, Cnici*, of Bastard-Saffron. Hot and dry in 1°. It is something Emetick, purges clammy viscous Flegm, and watery Humours, causes expecto-

ration, and is corrected with Cloves, Ginger, or Galingal. Dose à ʒj. ad ʒiijß. (but 'tis so clammy, that it is seldom given alone) in infusion à ʒiij. ad ʒvj. or viij.

31. *Carui*, of Caraway, hot and dry in 3°. They are Pectoral, Stomatick, Nephritick, Lithontriptick, Carminative, and Alexipharmick. They ease the Colick, and all pains in the Reins and Ureters; are of great use in the Megrin, continual Head-ach, Stone and Strangury; they help dulness of Sight, and hasten the Birth; you may use the distilled Oyl.

32. *Cataputæ majoris, Ricini, Palmæ Christi*, of the greater Spurge, hot and dry in 3°. It powerfully purges Cholera and Flegm, helps the Colick, Sciatica, Gout, Jaundice, and Dropsie. Dose 12 of the Seeds. See it more at large; chap. 4. sect. 472.

33. *Cataputæ minoris, Lathyridis*, of the lesser Spurge, hot and dry in 30. It vomits and purgeth Cholera, Flegm, and Water violently. It has the virtues of the Herb; which see chap. 4. sect. 139.

34. *Caulium*, Of Coleworts. It kills Worms; and being grossly bruised and boiled in Broth, it helps the Colick, and eases all pains and gripings of the Bowels.

35. *Ceparum*, of Onions. It is seldom or never used. See the Root, chap. 1. sect. 36.

36. *Cerasorum Nuclei*, Cherry-stones. The Kernels break the Stone: bruised and mixt with cold Oynments, and applied to the Fore-head and Temples,

eases the Head-ach. The Oyl made by expression, drunk in Mead, helps fainting, the Colick, and kills Worms.

37. *Chervilii*, Of Chervil. It is Carminative, gives ease in the Colick, and has the Vertues of the Herb; which see Chap. 4. Sect. 146.

38. *Ciceris*, Of Chich-Pease, hot and dry in 1°. They are emollient, discussive, cleansing, lenifying and crurētick: their Broth is good against the Stone: See Chap. 4. Sect. 161.

39. *Cichorii*, Of Succory. The Seed hereof is seldom or never used, yet it cools the Blood, opens the Liver, and resists Lust. It has the Vertues of the Herb, at Sect. 162. chap. 4.

40. *Cicute*, Of Hemlock. They abate Lust, are Narcotick, and almost of the nature of Poppy-Seed.

41. *Citrii*, Of Citrons. They are hot and dry in 2°. digest, attenuate, cleanse, expel Poyson, strengthen the Heart and Stomach, and kill Worms.

42. *Citrulli*, Of the Citrul, cold and moist in 2°. They are Diuretick, and by their coldness and moistness allay the sharpness of Urine, cleansing the Reins and Bladder, allaying the heat of Blood, and cholerick Humors.

43. *Cochlearie hortenſis*, Of Garden Scurvy-grass. The Seed is never used. See the Herb, chap. 4. Sect. 169.

44. *Colocynthis*, Of Coloquintida, or wild Gourd: mixt with Myrrhe and Aloes it preserves dead Bodies.

45. *Coriandri*, Of Coriander, hot and dry in 3°. It comforts a

cold and moist Stomach, helps digestion, stops Vomiting, kills Worms, and stops all fluxes: after Meat it closes the mouth of the Stomach, and suppresses Vapours that would hurt the Head. It is hurtful being crude and unprepared: you must prepare them thus: Steep them in Vinegar a day and night, then carefully dry them, so the crude hurtful quality will be removed.

46. *Crithmi*, Of Simpire, it has the Vertues of the Herb, which see Chap. 4. Sect. 191.

47. *Cucumeris hortenſis*, Of Garden-Cucumbers. It has the Vertues of Citrul-seed, which see Sect. 42. An Emulsion thereof helps an Inflammation of the Breast and Lungs.

48. *Cucumeris Sylvestris*, *Asinini*, Of the wild Cucumber. I know little use of it. See the Fruit, Chap. 6.

49. *Cucurbitæ*, Of the Gourd. They have the Temperature and Vertues of Citruls and Cucumbers.

50. *Cydoniorum*, *Cotoncorum*, Of Quinces. They cool and moisten; their mucilage in water lenifies and abates the roughness and sharpness of Humors, driness of the Tongue, Burns, Scalds, and Inflammations of the Eyes.

51. *Cymini*, Of Cummin, hot and dry in 3°. It is Cephalick, Pectoral, and Carminative, it attenuates, digests, dissolves, and expels Wind: It helps the Head-ach, Megrim, Colick, and Drop-sie Tympanies, opens Obstructions in the Stomach, Belly, Reins, and Matrix, whether taken inwardly or given in Clyster: Outwardly, it is discussive, dissolves

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swellings in the Genitors and Joynts; being smelt to with Vinegar, it stops the bleeding at Nose; and if inwardly taken in form of an Eleuary with Honey, and outwardly applied very hot in a Sacculus with Bay Salt, it helps Coughs, Ulcers in the Lungs, Asthma's, shortness of Breath, Pleurifies, Stitches, and pains of the side.

52. *Cynobati*, Of the Canker Rose; these are those within the Hips; they break the Stone and expel it.

53. *Dactylorum ossa*, Date-stones; The Ashes of them are emplastic, and keep down excrescencies in Wounds.

54. *Dauci nostratis*, Of English wild Carrot, hot and dry in 3°. Chiefly used in Obstructions of the Liver and Spleen, Ureters, and Womb, Coughs, Asthma's, Pleurifies, Strangury, Terms obstructed, suffocation of the Womb, &c. It expels Wind, helps the Dropfie, Colick and Stone, stops Lasks, and expels Poyson.

55. *Dauci Cretici*, Of Daucus of Creet: It has all the Vertues of the former.

56. *Ebuli*, Of dwarf Elder, or Dane-wort. They purge Flegm and watry Humors, are good against Cachexies, Jaundice, Dropfie, and Gout. The Juice or Pulp being separated, wash the Stones well and often, till they are very clean and pure, which dry for use: They purge from 3j. ad 3ij. or they may be made into an Emulsion, and given in a larger Dose. *Oleum Granorum Chamædites Clossii*. To the bruised seeds add spring-water, stir them over a gentle heat, digest three days in a

glass Gourd, then strain it strongly out in an Almond Press: so have you Oyle and Water: digest again, and the Oyl will swim at the top, which separate from the water; at the bottom will be a kind of an Unguent. The Oyl given inwardly in 3ls. purges strongly flegm and watery Humors, it may be given in Broth, or mixt with Loaf Sugar, and so taken: Outwardly it is good against the Gout, and all other kinds of pain.

57. *Endivie*, Of Endive. It cools the heat of Urine, and has the Vertues of the Herb, which see chap. 4. sect. 227.

58. *Erucæ*, Of Rocket, it is hot and dry in 3°. It stirs up Lust, provokes Urine, strengthens the Stomach, easeth the Spleen, kills Worms, and expels Poyson.

59. *Erysini*, Of Hedge-Mustard, hot and dry in 3°. It has the Vertues of the Herb, which see chap. 4. sect. 237. It warms the Stomach, and causes digestion, easeth the cough, & expectorates flegm, helps Asthma's, Hoarseness, &c.

60. *Ervæ*, *Orobæ*, Of the bitter Veich. The Grain steeped and parched looseth the Belly, provokes Urine, and causeth a good Colour: taken 3ij at a time, it helps the Atrophie or Consumption; given with Vinegar, it helps the Strangury. Outwardly, their Meal with Honey cleanses Ulcers, is Cosmetick, takes away Freckles, Sun-burnings, black Spots in the Skin, and makes it beautiful; it heals old running Sores, softens hard swellings, and stops Gangreens; it softens Womens Breasts, helps Phagedens, Carbuncles, scald Heads, and bitings of venomous beasts.

61. *Fabe*, Beans, cold and dry in 1°. They nourish much. Their meal is Emplastick, thickens, cleanses, digests, discusses and ripens Tumors: It is good in Diarrhoea's, Lienteria's, and other Fluxes: In a *Cataplasm*, with water and Hogs-lard, it helps the Gout: with Oxymel it helps the Inflammations of Bruises and Wounds, swellings in the Privities, and Womens Breasts, and dries up their Milk; with Rose-leaves Frankincense, and white of an Egg, it helps watering and inflamed Eyes; with Water and Oyl it helps suffusions, Pin, and Web, blows and hard swellings, and its reported, that if a freckled skin be rub'd therewith, that it takes away the freckles.

62. *Fœniculi*, of Fennel. It has all the vertues of the Herb, and of Anniseed, being an exceeding good Pectoral and Carminative, used often by Physicians to correct Turges. You may use the Oyl.

63. *Fœnugræci*, of Fœnugreek, hot in 2°, and dry in 1°. The Meal is Emollient and Emplastick; and boiled with Mead and applied, it helps all inflammations, and dissolves hard swellings; and mixt with Nitre and Vinegar, it helps hard Spléens: the decoction thereof in Wine, drunk with a little Vinegar, expels all evil Humors, and a Syrup made thereof with Honey, is Pectoral. It discusses, and is Anodyne, in so much that its mucilage (made by decoction in water) is put into most Cataplasms for those intentions: The said Mucilage heals corrosion of the Bowels, takes away sharpness of humors; and

as *Alexis* saith (which I know by Experience to be truth) it cures Gonorrhœa's.

64. *Fraxini*, *Lingæ avis*, Ash-keys. They provoke Urine, excite Lust, restore decayed nature, open the Liver, and are excellent against the Pleurisie and Stone. You may give them powdered with Nutmegs, or pickle them.

65. *Fumariæ*, of Fumitory. The Seed is seldom used. See the Herb, chap. 4. sect. 261.

66. *Gemiste*, of Broom; hot and dry in 2°. It has the vertues of the Herb, which see chap. 4. sect. 271.

67. *Grææ Gnidia*, *Thymelea grana*, of Spurge Flax. They purge Choler, Flegm, and Water: Dose ʒj. of the inward part mixt with the Pulp of Raisins or Honey causes Sweat. See the Herb chap. 4. sect. 662.

68. *Grana Paradisi*, Grains of Paradise, or the greater Cardamoms hot and dry in 3°. They comfort and warm a cold Stomach, and are good against the shaking fits of Agues, being given in Sack, or a strong Infusion in S. V. which smells like Quinces. They break the Stone, provoke Urine, and the Terms; help Coughs, Colds, Asthma's, expel Wind, ease the Colick, kill Worms, and are an Antidote against Poyson.

69. *Granatorum*, of Pomegranates. The Kernels cool, dry and bind, stop Vomiting of Choler, and the Bloody-flux; chiefly those of the sour Apples.

70. *Hæmel*, *Rutæ Sylvæstris*, wild Rue, hot and dry in 3°. It is stronger than the Garden, and

being applied, will cause Blisters. *Horbins* saith, it attenuates, cuts, digests thick gross Humors, and extinguishtes the Seed.

71. *Hippofelini, Smyrni*, of *Alexanders*, or Horse-Parlsy. The Seed is of the nature of Parsly-Seed, warms the Stomach, provokes Urine and the Terms, brings away both Birth and After-birth.

72. *Hordeum*, Barly. Of the Grain Women know how to make Barly-water to cool and quench Thirst. For the use of tue Meal, see chap. 4. sect. 306.

73. *Hyoscyami albi*, of white Henbane. Taken in the weight of ʒss . with Mead, it helps Cougs, Rheums, defluxions of the Humors to the Eyes or Breast, and all Issues of Blood; as also such as piss a bed, or cannot hold their water.

74. *Hyperici*, of St. John's-Wort. It provokes Urine, helps the Stone, and stops Lasks, but is seldom used.

75. *Hyssopi*, of Hyssop: It is seldom or never used. See the Herb, chap. 4. sect. 312.

76. *Lactuce*, of Lettice. It is one of the lesser cold Seeds; it obtunds sharp Humors, eases pain, cools the heat of Urine, and is excellent against the Whites, and virulent Gonorrhoea, having the virtues of the Herb. See it chap. 4. sect. 312.

77. *Lapathi acuti, Oxylapathi*, of sharp-pointed Dock. It is used to stop Fluxes, being very binding.

78. *Laureole*, of the Laurel-shrub; whether they mean the Laurel or the Mezereon, 'tis no

great matter, You may see the Berries.

79. *Lentes, Lentils*. See their Vertues chap. 4. sect. 347.

80. *Levistici*, of Lovage. It has the Vertues of the Herb, which see chap. 4. sect. 355.

81. *Limonium*, of Lemmons. They are hot and dry, strengthen the Stomach, and resist poyson.

82. *Lini* Linseed, hot in 1^o and temperate: it is Emolient, Digestive, Muturative, and Pectoral: it is good against Coughs, shortness of Breath, pleurisies, and Consumptions. Outwardly it is good to ripen Tumors, and ease pain, being used in a Cataplasim: the expressed Oyl helps the Colick, Pleurisie, Spleen, and Pin and Web.

83. *Lithospermi, Milii Solis*, of Gromel, hot and dry in 2^o. It provokes Urine, breaks and expels the Stone in both Reins and Bladder, cleanses the Urinary passages, hastens the Birth; and as *Schroder* saith, is found by sure Experience to cure Quotidian Agues, if given a while before the fit. Dose ad ʒij.

84. *Lolii*, of Darnel, hot and dry in 2^o. It is Anodyne, Hypnotick, causeth drunkenness and sleep.

85. *Loti Urbana, Sative*, of Pease Trefoil, or Garden Claver (some think this to be Melilot, but I think they are in an Error) It is good against the Epilepsie, suffocation of the Womb, Dropic, and Gout.

86. *Lupini*, of Lupins. They cleanse, waste, and kill Worms, open Obstructions of Liver and Spleen, provokes the Terms, and expel the dead Child. Applied with

with Honey Water, and Vinegar they heal venomous Ulcers, scald Heads, Gangrenes, Small-pox, Morpew, and that without any biting quality: made sweet with Vinegar, help loathing, and cause appetite. *Crollius* saith, Their Decoction expels the Pox being hot, dry, and absterfiv, without biting: the Meal in a Cataplasm with Oxymel helps spots, *Phymota* and *Phagedens*, stops Gangrenes, and helps Atrophick Members. So also with strong Lye.

87. *Magistrantia*, *Obstrutii*, *Imperatorie*, of Master-wort. See the Root, chap. 1. sect. 80. and chap. 4. sect. 317. The Seed is not in use.

88. *Majorane*, *Anaraci*, of Marjoram. It has the vertues of the Herb, which see chap. 4. sect. 388.

90. *Mandrage*; of Mandrakes. *Avicen* saith, That the Seed and Fruit drunk, cleanse the Matrix: the Antidote is Wormwood, Rue, Scordium, Castorium, Sage, Rosemary and Wine.

91. *Melonum*, *Melopeponum*, of Melons, or Musk-melons; they have the same vertues the Citruls have, help Coughs, Consumptions and Feavers.

92. *Melpilorum*, of Medlars. The Stones powdered and drunk, break the Stone, expel Gravel, and provoke Urine.

93. *Mezeri*, of Mezereon. They have the vertue of the Herb. Dose a gr. v. ad xv.

94. *Mitii*, of Miller, cold and dry in 3°. The Meal is hard of concoction, and binds the belly, yet affords much good nourishment. The Decoction power-

fully provokes Sweat and Urine; expels Gravel from the Kidneys; and stops Fluxes, quenches Thirst, and cures Agues. Outwardly mixt with Tar, it helps the bitings of all venomous Beasts: mixt with Salt, and heat very hot, and laid to the crown of the Head, it dries up Catarrhs, and eases pain of the Head; laid to the Breasts, it consumes milk: to the Belly and Sides, pains and stirches there. *Decoctum Ambrosii*: R. Grains of Millet lbj. water 8 pints, boil till the Seed break, then strain it. It is powerful in Fevers, chiefly Tertian, given in the declination of the fit, because it provokes Sweat.

95. *Napi dulcis*, *Buniadi*, of sweet Navew. The Seed is Alexipharmick, and used in all Antidotes against Poyson and Infection; drives out the Small-pox and Measles; cleanses, opens, digests, attenuates, and provokes Urine and the Terms.

96. *Nasturtii* of Cresses. It drives forth the Measles and small Pox; is Pectoral, in a Lohoch with Honey it helps Coughs, yellow Jaundice, and Sciatica, cleanses the Reins, and expels the Stone.

97. *Nigella*, *Gith*, of black Cummin, or Fennel-flower, hot and dry in 3°. It is Pectoral, Diuretick, and Emmenagogick, dissolves the muilage of the Lungs, helps Coughs, Colds, and causes Expectoration, encreases Milk, and cures the bites of venomous Beasts. In Quoridian and Quartans it is a Specifick.

98. *Nuclei mali Armeni*, Kernels of Apricocks. The Expresed Oyl has the same vertues

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with bitter Almonds, which see chap. 6. sect. 5.

99. *Nuclei mali Persici*, Kernels of Peaches: the expressed Oyl is equal with the former. It helps hardness and pain in the Sinews; and opens the Liver and Spleen.

100. *Oryze*, Rice. It stops fluxes, and nourishes well. Lobell saith, It is saluiferous and encreaseth Blood and Sperm, restoring in Consumptions. It resolves, and applied with Oyl of Roses, helps inflammations in Tumors; in this case you may use the Meal.

101. *Panici*, of Panick. The Grain boiled in Goats Milk and drunk twice a day, stops Fluxes. See chap. 4. sect. 479.

102. *Papaveris albi & nigri*, of white and black Poppy. It has the virtues of the Herbs and Flowers: The expressed Oyl from the white is pleasant to be eaten: the Seed of the black Poppy drunk in Wine, stops fluxes and the terms: the Seed of the Erratick is colder than the former.

103. *Pastinace hortensis & sylvestris*, of the Garden and wild Parsnip, hot and dry in 3°. It is Peccoral, Nephritick, Lithontriprick, and Carminative; that of the wild, helps the biting and stinging of Serpents, Stitches, Pleuritis, and Wind, purges Flegm, helps the Jaundice, Asthma, Epilepsie, &c. See chap. 4. sect. 625.

104. *Perfoliata*, of Through Wax. It has the virtues of the Herb, which see chap. 4. sect. 493.

105. *Petroselinis vulgaris & Ma-*

cedonici. of stone Parsly, English and Macedonian. It has all the virtues of the Parsly Seed, but is more powerful, being hot and dry in 3°. Diuretick, Lithontriprick, Sadorifick, and Alexipharmick; good against Plague and pestilential Feavers.

106. *Pimpinelle*, of Burnet. The Powder of it drunk in Chalybear water, stops all Fluxes, and is good against Poyson and Plague; it is Diuretick, and breaks the Stone.

107. *Pisæ*, Pease. They are strengthening, and nourish much, making those that often eat them, strong, lusty, and of a good complexion; the Meal is Discussive, Maturative, Anodyne, and Diuretick, their Decoction is good against the Stone.

108. *Plantaginis*, of Plantain. It is less cold than the Herb, stops Fluxes, Issues, Rheumes, Vomiting, all sorts of Fluxes and Issues of Blood.

109. *Pæonia*, of Peony: The Seeds taken in red Wine No. 2. stop Fluxes, and are good against the Stone; help the pain of the Matrix, and melancholy Dreams. The distilled Oyl of the Seed, fermented in Water, and drunk in Canary Wine or Sherry. gut. x. or xij. helps the Epilepsie, Poyson, loss of Speech, and bitings of venomous Creatures.

110. *Porri*, of Leeks: Given 3ij. at a time with the same quantity of Myrtle-berries stop spitting of Blood, although of long continuance, and cut rough humours: Some say the same ingredient put into Wine, keeps it from souring, and if sour, amends it.

111. *Pertulacæ*, Of Purslane. It kills Worms, and stops Fluxes, abates the heat of Feavers, and cures Consumptions.

112. *Psyllii*, Of Flea-wort. Cold in 2°. and temperate. The Decoction purgeth Choler, cools hot Diseases, and quenches Thirst. Its *Mucilage* with Rose and Barley-water, and sweetned with Syrup of Roses, helps Hoar'ness and Pleurifies, and purgeth Choler; with Marmalade of Quinces, Poppy Seeds, and Sugar Candy, it helps Catarrhs: torrified and taken with Plantane Water, it helps Fluxes, and Coughs; outwardly boyled in water and applied with Vinegar and Oyl, it helps swellings in the Joynts, and St. Anthony's Fire; with *Populeon*, the Piles and *Tenesmus*. It is reputed to be venomous, and for an Antidote there is prescribed *Venice Treacle* and Vomitiings.

113. *Rapi*, Of Turneps. It is used chiefly in Antidotes, expels Poyson, Measles and Small Pox, and provokes Venerie. *Dose* à 3℥. ad 3j.

114. *Raphani Radicula*, Of Radish, hot in 3°. dry in 2°. It breaks the Stone and expels it, provokes Urine, and the Terms, opens Obstructions of the Liver and Spleen, is Antifebricitick and Pectoral.

115. *Rhois obsoniorum*, Sumach Seed. They have the Vertues of the Leaves and Fruit.

116. *Rutæ hortenſis*, Of Garden Rue. It is Alexipharmick, Carminative, and Sudorifick. See the Herb.

117. *Saxifraga*, Of Saxifrage. it breaks and expels the Stone both in Bladder and Kidneys, helps the Strangury and Disury.

See the Herb, Chap. 4. Sect. 593.

118. *Sesami*, Of Oily Pulse. Temperate and moist in 1°. It is Emollient, Anodyne, Viscous, Fat, and Emplastick; dissolves hardness and shrinking of the Nerves, expels Wind, and cures the Colick. *Oleum Sesami*. It is made by expression, chuse that which is white and pure, not adulterated with Oyl of Nuts, Almonds, Poppies, &c. You may know the true by the taste. It is Emollient, Maturative, and Pectoral, is good against the Pleurisie, and Consumptions, and stirs up Lust, but being nauseous is not often used inwardly. Outwardly, it softens the hardness of the Nerves, easeth pain, and stops eating and malignant humors.

119. *Sesileos*, Of Hart-wort, hot and dry, is Carminative, provokes Urine and the Terms, and expels Wind.

120. *Sinapeos*, Mustard Seed. Hot and dry in 4°. It is of thin parts, digests, cuts, attenuates, attracts, and causeth expectoration. It corroborates the Stomach, causeth appetite, expels Wind, comforts the Head, Breast, and Lungs, opens Obstructions, is good against shortness of Breath, Coughs, Asthma's, and tough Flegm, or Tartarous Mucilage, eases the Spleen, and is effectual against Hypochondriack Melancholy, Quotidian and Quartans (3j. being given just before the fit) It purges the Head, breaks and expels the Stone. It makes good Sauce for gross Meats: chewed in the Mouth helps the Tooth-ach. Made into a Gargarism with Hony and Vinegar, it helps the

swellings of the *Uvula* and *Almonds*: Drunk with Water and Honey, it provokes Urine and the Terms: Steept in Rhenish Wine, and the Wine drunk for some days (to a quart) it helps the Dropsie Tympanies, and is very good against Epilepsies, Carus, and Lichargy. As an *Eryrhine*, it is *Parmick*, drives away sleepiness, and helps fits of the Mother. The expressed Oyl is good to the purposes aforesaid, and helps all cold Diseases of the Nerves: The Seed is mixt with drawing Plaisters, and consumeth Nodes: It causeth Hair to grow on bald places, and takes away black and blue Spots.

121. *Solani sativi*, Of Garden Nightshade. It is cold in 2°. Binding and Diuretick, seldom used.

122. *Stapidis agrie*, Of Stave-Acre, called by some Louf-wort. Inwardly (though it is seldom so taken) it purgeth and vomiteth; Dose *à gr. xij. ad xv.* Outwardly in *Masticatories*, *Gurgarisms*, and *Eryrhines*, it purgeth Flegm and Water; is used with cleansers in Wounds and Ulcers; with Vinegar cures the Tooth-ach, and mixt with Oyl and Lard kills Lice, cures Itch and Mange. It is dangerous to take inwardly, for it causeth Vomiting (of gross flegm and slimy matter) with violence: It is so churlish that it will kill Mice.

123. *Thlaspius*, Of Treakle Mustard, hot and dry in 4°. *seré*. Eaten, it purges Choler, provokes the Terms, and breaks inward Apofthumes; and, in general, operates as the other Mustard Seed. It destroys the *faturs*.

124. *Trifolii odorati*, Of sweet Trefoil. See *Loti urbane* above.

125. *Triticci*, Wheat, hot in 1°. and Temperate. It is emollient, discussive, and maturative: the Meal softens Tumors, lenifies, and applied in a Pulvis cold it helps inflammations of the eyes; and boyled with Honey, Oyl, and Water, and applied, it helps all other Inflammations and Erysipelas: dry Meal applied in the Gout giveth ease; but is much more effectual if mixt with juyce of Henbane and *Opium*. The Leaven heats, attracts, resolves, concocts, opens all Swellings, Nodes, Tumors, and Fellons mixt with Salt. The fine Flower mixt with the yolk of an Egg, Honey, Mithridate, and a little Saffron, draws, ripens, breaks, and heals Boils. Fine Wheat Bread dips into Rose water, or fair water, and applied to inflamed or blood-shot Eyes, cures them. The Bran boyled in sharp or strong Vinegar, takes away Scurf, dry Scales, and Morpew, and helps the Mange. Oyl of Wheat. It is pressed out between two Iron Plates, being heat indifferently hot: It helps chaps of the Skin, and Fundament, and smooths the Skin, and used as a Balsam it heals Wounds. The distilled Oyl of Bread, is good against all Inflammations and Gangrenes. Distilled Oyl of Wheat is done by descent, of bruised Wheat. Distilled Water of Bread. It is done in B. M. and stops Fluxes in Children.

136. *Vicia*, Vetches, or Tares; they are drying, binding, and hard of digestion, ingendring thick and melancholy Blood: They

They are of the nature of Lentils, and have the same Vertues.

127. *Violarum*, Of Violets. It is seldom used, (causing both vomiting and stools) except in an Emulsion for Obstructions of the Reins, dose to ʒj.

128. *Urtice Vulgaris Ex Romana*, Of common and Roman Nettles. The Seed of the common drunk causeth lust, causes expectoration, helps Pleurisy, Cough, and Inflammations of the Lungs: and is an Antidote against Henbane, Hemlock, Mushrooms and Quicksilver; is a singular Remedy against the Stone, and expels gravel and urine. The seed of the Roman Nettle is Pectoral,

and chiefly used against Asthma's Coughs, Pleurisy, Peripneumony, and Consumption; outwardly in a Gargarism, it is good against the Inflammation of the Uvula.

129. *Uvarum acini*, Grape-stones. They bind, and are good against Vomiting and Fluxes.

130. *Zee, Spelte*, Spelt-corn. It nourisheth more than Barly: being of a middle nature between Wheat and Barly: The meal made into a Cataplasm with water and oyl of Lillies, and applied, helps Inflammations and hot swellings in any part of the Body.

Chap. VIII. of G U M S.

College.] 1. Gum *Ammoniacum*, *Anime*, Arabick, *Assa fatida*, *Cannamum*, Cherry tree Gum, *Elemi*, *Galbanum*, of *Iay*, *Jamper*, *Gum lac*, *Opopanax*, of Plum-trees, *Sagapenum*, *Dragons Blood*, *Sarcocol*, *Tragacanth*. 2. Native Rosins. Of the Fir-tree, *Caranna*, *Colophonia*, *Copal*, of the Larch-tree, of the Pine-tree, of the Pitch-tree, *Tacamahacca*, *Turpentine*, *Frankincense*. 3. Fæctitious Rosins. *Aloes*, of *Jalap*, *Guaiaacum*, *Cambogia*, *Mechoacan*, *Scammony*, *Turbit*, *Pitch* of the Fir-tree, *Cedar-tree*, *Larch-tree*, *Pine-tree*, *Turpentine-tree*, *Burgundy pitch*. 4. Gummy Rosins. *Bdellium*, *Camphir*, *Mastic*, *Myrrh*, *Storax calamita*. 5. Balsams, *Syriac Balsam*, *Balsam of Tolu*, *Balsam of Peru*, *Opobalsamum*, *Liquid Amber*, *Oyl of Balsam*. 6. Concreted Juyces. *Acacia*, *Juyce of Wormwood*, *Maudlin*, *Elaterrum*, *Euphorbium*, *Lycorice*, *Cambogia*, *Hypocistis*, *Opium*, *Sugar white and brown*, *Sugar-Candy white and red*, *Bird-lime*.

SALMON'S Comment.

WE shall not here follow the Colleges Method, but an Alphabetical, wherein

the Reader may be pleased to take notice, that the College forget to put these following in their Catalogue

logue, viz. Benjamin, Soot, Labdanum, Manna, Oyl, Olive omphacine and ripe, Olibanum, Pissasphaltos, Storax liquid, Tartar and Scammony, unless they mean the latter by their *Resina Scammonii*, which is a kind of magistery or Extract out of the Gum.

1. *Abynthii succus concretus*. Insipidat juice of Wormwood: It has all the Virtues of the Herb.

2. *Acacia*, Juice of the unripe Fruit of an Egyptian Thorn. See its Virtues Chap. 4. Sect. 6.

3. *Abietina resina nativa*, native Rosin of the Fir-tree: The liquid Rosin (according to the Opinion of *Clusius*) is the Venice Turpentine, now sold in the Shops, which see in its place. The dry is (as several good Authors think) the Vulgar *Thur* or Frankincense, to which it is like in form, and has the same Virtues.

4. *Agerati succus concretus*, *Eupatorii Mesues*, the thickned juice of Maudlin: See the Herb, Chap. 4. Sect. 16.

5. *Aloe*, *aloe succotrina*, *Aloes succotrine*; whence the word *Succotrine* first came is doubtful, whether it be said to be a *succo citrina*, quod ejus pulvis citrinus sit; aut ut quidam volunt, *Socotrina*, quod ex *Socotrina Insula* deferatur præstantissima; I can scarcely determine. There are three several sorts of *Aloes* differing only in purity, viz. *Aloe Caballina*, *Aloe Hepatica*, *Aloe Succotrina*: the first is only given to Horses, the second both to Horses and men, this sort looks like Liver: the last is the best, which being broken thin is transparent, and being powdered is of a good yellow colour. It is hot in 2°, dry in 3°. purges the

bowels well, (yet often causes a flux of the Hemorrhoids) provokes the Terms, strengthens the Stomach, kills Worms, heals, cleanses, binds, and is good against Putrefaction; outwardly, it cleanses wounds, and suddenly heals them: where note, That *Aloes* has a resinous part, and a watery part; of which the first purges not, the other does; therefore, when you'd have it purge, dissolve it in warm water, and separate it from its Rosin or feces. *Balsamum Aloes*. R. *aloes succotrine*, extract the redness with rectified S. V. distilled Vinegar, or Rose water, decant, filter and coagulate. Dose a ℥ss. ad ʒss. Purging oyl of *Aloes*. R. *Aloes Hepatic*. ℔j. Myrrh. ʒij. Frankincense ʒj distil them gently from *Ahus* or a sand heat. This purges and kills worms, if anointed upon the Navel. *Aloe cum Tartar*. R. *Aloes* dissolved in Tincture of Violets ℔j. Crystals of Tartar ℔ss. mix them, dose a ʒss. ad ʒj. *Aloe Rosata*. R. fine *Aloes* and mix it with juice of Damask Roses, which dry, and make into a solid mass: repeat so often till the *Aloes* has taken in 16 parts of the juice, which keep in a mass for Pills, Dose ad ʒss.

6. *Ambar liquidum*, *Liquid Ambar*. It is not much unlike to liquid Storax. It is an oily Rosin, of an excellent sweet scent, which flows from a stately tall Tree called *Ococol* or *Ocosolt* in the West Indies, the Bark being curit now grows in Europe, being brought from thence. It is either native, or factitious which is made by boiling the boughs in water, and taking the oyl from the top, which is of a purple colour, and is that which is sold in the shops.

It is hot in 3°. moist in 1°. dissolves, maturates, mollifies, opens Obstructions of the Spleen and Womb, softens the hardness thereof, and of other hard tumors. Outwardly it comforts & warms the parts of mans Body afflicted by cold diseases, and is excellent good in Palsies and numbness. It warms and comforts a weak Stomach, and a cold and moist brain, helps digestion, and is good against any inward bruise or Ulcer.

7. *Ammoniacum Gummi*, Gum Ammoniacum, hot in 2°. dry in 1°. The finer sort is condens'd like Frankincense, smells like Castor, is bitter, yellow without, white within, and grows soft by handling. It comes from the *Ferula Aetopion*. It mollifies, digests, maturates, attracts strongly (drawing Splinters out of the flesh) opens, is laxative, anodyne and splenetick. It dissolves a stubborn viscus mucilage in the Lungs and Mesentery; opens Obstructions of the Liver, Spleen, and Womb; is prevalent to give speedy delivery to Women in Travel; is very pectoral, good against the Stone, and helps such as piss blood: you may give à ℥j. ad ʒj. in the form of a Pill, it will loosen the Belly. Outwardly it is good against the Gout, and dissolves the Tartar of the Joynts, dissolves Nodes, the Scirrhus, Knots in the Joynts, Scrophula, and pain and hardness of the Spleen. It is depurated by dissolving it in Vinegar, straining and inspissating; you may dissolve it also in Water, Wine, or any juce, but Vinegar is most usual. *Oleum Ammoniaci stillaticium*: It is drawn

by an Alembick or Retort, and is excellent against all diseases for which the Gum serves. It so mollifies, that it will dissolve hard strong knobs upon the joynts of the fingers, toes, or other parts: so also a Cerecloth of the Gum.

8. *Animi Gummi*, Gum Anime; hot in the 2°. moist in 1°. It was not known to the Antients, but *Amatus*, from *Garzias*, thinks it to be the *Caucamum* of the Antients: And some say, it is the true *Bellium*. There are three several sorts of it: 1. a clear Rosin of a whitish yellow, which in *America* flows out of a Tree like Frankincense, but bigger, being cut; this is the most usual when broken, it is of a most fragrant sweet smell, and easily melts, being cast on the coals. 2. The second sort is almost like Myrrh, and has the same virtues. 3. The third sort comes from the *East-indies* with less grains; this is neither so clear nor so good as the other. It is a notable dissolvent, and Alexipharmick, is discussive, aperient and cutting. It is good against all cold diseases of the Nerves; as Head-aches, Megrim, Catarrhs, Flatulencies, Palsies, Cramps; Contractions of the Sinews, and the Lethargy. It is prevalent against diseases of the Joynts, all Numbness, Tumours, Contusions, Luxations, &c. It comforts a cold stomach, and disperses wind. You may make a distilled oyl of it as of other gums, which will be prevalent to the purposes aforesaid. But the solution of the Gum in Spirit of Wine is (in my judgment) fully as effectual to all the said intentions: besides which it is very prevalent, used against the French Pox in way of a diet,

ditt, not inferior to Guaiacum: dose half a Spoonful in water or wine, and sweating upon it.

9. *Amylum*, White Starch. It is drying and binding, yet makes smooth such parts as are rough, especially being used with things of a smooth and slippery nature: Mixed with Syrup of Violets or Roses, it helps Coughs, Wheezings, and roughness of the Throat and Windpipe, causing Expectoration, and healing parts excoriated. Mixt with Oyl of Tartar per deliquium and fair water, it makes the skin of the hands and face very fair, smooth and soft.

10. *Arabicum Gummi*, Gum Arabick. It comes from the shrub *Acacia*, as *Dioscorides* saith, and is of a waterish nature: chuse that which is clear, almost like Glass, white and yellowish. It is temperate, and enclining to moisture, glutinous, stopping the pores of the skin, and obunding the sharpness of Medicaments. It is pectoral, and used in Diseases of the Lungs, as Coughs, roughness of the Throat, &c.

11. *Assa fetida*, stinking Assa, or Devils Dung. It grows in *Media*, *Libya*, and *Syria*, and is the Juice of *Laser*, *Laserpitium*, or *Sylphion*, gathered from the root or stalk cut. The *Arabians*, as *Avicenna*, call it *Altit*. It is hot and dry in 3^o. cures, attenuates, is Splenetick, Hysterick, and Vulnerary. I is chiefly used in suffocation of the Womb, *Peripneumony*, Wounds and Obstruction of the Spleen, and that both inwardly and outwardly. Dose \dot{a} gr. x. ad ʒ. ʒ. The Fame of it and Goats-horn burnt helps the Epilepsie. Chuse that which is pure,

fine, clammy, and smelling almost like Garlick: you may dissolve it by boyling in water, vinegar, or wine.

12. *Balsamum Gileadense*, *Judaicum*, *Syriacum*, *Verum*, Balm of Gilead, or the true or Syrian Balsam. This is the same with the Egyptian Balsam, and Balm of Mecha; it is yellow almost like Turpentine, of a bitter sharp taste and very unpleasant; but of a sweet, delicate, and most desirable scent: it sweats from its shrub, the bark being cut, or from the boughs lopt off. In warm water it will spread it self over the top, and as it cools contracts it self again; it curdles Milk and dropt on woollen cloth, leaves no spot as other Oyls and Balsams do. It is the chiefest of all Oyls and Balsams in the whole World; being of most incomparable use for many diseases both inwardly and outward. It is pectoral, good against inward bruises, Coughs, Asthma's, Obstructions and Ulcers in the Lungs, Fevers, Obstructions of the Liver and Spleen, provokes Urine and the Terms, causes Appetite, cures Consumptions, pains in the Stomach, or any other part of the Body. It is Cephalick, Arthritick, Anodyne, and Vulnerary, and indeed has so many virtues, that it is above the Sphere of my Commendations. And now I am upon it, let me discover one Secret not yet vulgarly known; It has the greatest force of all vegetable Productions in curing the French Pox: a word to the wise is enough: I have known it true by Experience, to exceed Guaiacum, Sassa, Sassafras, China, &c. It is of so great estimation, that the

the Prince of *Arabia Felix* presents every year three or four pound of it to the *Grand Signior*, and one pound to the *Bassa* of *Grand Cairo*, as an extraordinary Present.

13. *Balsamum Tolutanum*, Balm of *Tolu*. It comes from *Tolu*, a Province between *Tanis* and *Nomen Dei*, and flows from a Tree (which grows both in Gardens and wild) like a low Pine, the Bark being cut. It is reddish, tending to a Gold colour, near the thickness of new Honey, very clammy and sticking, excellently sweet-scented, and of a sweet and pleasant taste, not nauseous as other Balsams are. It exceeds the Balsam of *Peru*, and is nearly as good as the former, having all the virtues thereof. It is Cephalick, Pectoral, Cardiack, Splenetick, Hysterick, Arthritic, Carminative, Anodyne, Traumatick and Vulnerary. It helps the Head ach, Megrim, cures Palsies, Convulsions, Cramps, Epilepsies, Rheums, Coughs, Colds, Asthma's, Phthisick, Ulcers, and stoppage in the Lungs, pain and weakness of the Stomach, Faintings; revives all the Spirits Natural, Vital, and Animal; abates tumors, weakness, and stoppage of the Spleen, helps fits of the Mother, provokes Urine and the Terms, expels Wind, helps the Colick, and eases all manner of pains both inward and outward, pains of the Joynts, Gouts, Sciatica, old Aches; disposes to heal, and heals all manner of Wounds, Ulcers, and the like: It is good in all Contractions of the Sinews, and cures the Parotides or blind *Schrophulas*, cures Punctures

of the Nerves, Contusions, Fractures, and other ill accidents: it cures and takes away the Symptoms of the *French Pox*, Dose *gut. iij. iv. or vj.* mixt with Sugar in a glass of Sack.

14. *Balsamum Pervuanum*, Balm of *Peru*, or Peruvian Balsam. It is a sweet scented Balm, coming from the Indian Tree *Xylo*, of a bitter sharp taste, and of a blackish, or whitish red colour: the best is of a purple colour, and sweet as the best *Storax Calamita*: the black, thick, and ill-scented is naught. It is gotten by boyling the Chips of the Tree in water, so the Balm may be taken off swimming. It has all the virtues of Balm of *Tolu*, but not altogether so effectual; yet it is so excellent, that *Monardus* substitutes it for the *Syrian Opobalsam* or Balm: you may give a *gut. iij. ad vij.* in Canary wine, and that often in Feavers. There is also a clear whitish Liquor which flows from the bark of the same Tree wounded, which is called *Opobalsam*, or true Indian Balm. See it in its place following.

15. *Balsamum eleon*, *Oleum Balsami*, Oyl of Balsam: It is made by distillation of the former Balsams by a retort in Sand with a gentle fire: first comes a clear water. 2. A clear Oyl like Sugar-candy, which is a Spirit, and will coagulate. 3. With a stronger fire, when it begins to change colour, a yellow Oyl. Lastly, in the retort there remains a matter like *Colophony*. But there is a natural *Balsamum eleon*, or *Oleum Balsami*, which flows out of a Tree growing in *Africa*, *Egypt*, and *Arabia Felix*, by wounding

of it, as *Horstius in Pharm. lib. 22.* testifies. *Sapinus rami crassiores vulnerantur, & ex hiatu corticis pretiosa ista lachryma stilbat, cujus usus intus & foris celebratur.* And in the same place he tells us It is very good for such as are Asthmatick, a few drops being given in the morning fasting, opens obstructions of the Liver, provokes the Terms, eases pains of the Stomach, restores such as are in Consumptions, and causes an Appetite.

16. *Bdellium*, It is a tear or resinous Gum dropt from a thorny Tree or Plant, growing in *India, Arabia, and Media*, as *Mathiolus* saith: It is bitter, clear when broken: fatish if rubbed, and easily softning; that which is black is naught. It is hot and dry in 2^o. digests, discusses, is Sudorifick, Nephritick, and Pectoral; excellenc in Coughs, Asthma's, Imposthumes of the Lungs, Pleurishes, pains and stiches in the Sides. It provokes Urine and the Terms, breaks the Stone, and expels both Birth and After-birth; is Carminative, and helps fits of the Mother. Outwardly, in a Plaster or Unguent, it is excellent against Ruptures, softens hard nodes in the Nerves, helps Palsies, Cramps, Epilepsies, and other cold affections of the Nerves and Brain, being anointed on the Sutures of the head, Nape of the Neck, and whole Back-bone. You may dissolve it in S. V. rectified, and so take it, or distil an Oyl from it by a Retort in Sand.

17. *Benzoin*, *Benzoinum*, *Benjamin*. It is a well-scented yellow Rosin, of divers pieces and

colours, dropt from a stately tall Tree (the Bark being cut) growing in *Sina* and *Sumatra*. There are three several forts. 1. That called *Amygdaloides*, having in it white spots like Almonds. 2. Another which is black, & very sweet-scented. 3. Another which is without scent, and very black. The first is best; the second is good; the last is naught. It is hot and dry in 2^o. An excellent Pectoral and Perfume. It stops Catarrhs, Coughs, Asthma's, helps in Consumptions. It purges the Brain by sneezing, cures the Tooth-ach by chewing, and cleanses the skin from deformities. It will dissolve in S. V. Oyl of Turpentine, and in the white of an Egg, laid in a moist air: you may dissolve it also in the Oyl of Cherry Kernels or Oyl of Ben, adding to it Ambergreece, Musk, and Civet, and so strain it off to perfume Leather, Gloves, &c. 1. Tincture of Benjamin: Dissolve it well in S. V. in B. M. it will be done in about an hour. It is Sudorifick, and good against the French Disease. 2. Magistery of Benjamin: Put to the former Tincture fair water, and a milky precipitate will fall, which wash in Rose-water, and dry. This milky water before precipitation, is good to wash the skin with to keep it white. 3. Flowers of Benjamin: Put the Powder of the Gum into a glazed Vessel, over which lay a Cone or Pyramid of double Paper, make a gentle fire of coals or ashes by degrees, so will the flowers ascend and stick to the Paper, which often wipe off lest they fall again. It is Sudorifick, given a gr. iij. to xij. 4. Oleum Benzoini: R. Benjamin in Powder lbj.

rectified S. V. ℥iij. digest 7 days, then put to it fine Gravel ℥vj. and distil with a gradual fire by a Retort in sand or ashes, so have you Spirit and Oyl which separate: after the S. V. is gently drawn off, a white solid gummy matter ascends, which is called Manna of Benjamin. 5. Crystals of Benjamin. Mix Benjamin in Powder and fine sand together, with which fill a Retort half full, distil in sand by degrees, so have you a Liquor & Oyl thick like Butter. Take of this Butter p. j. fair water p. xj. distil in an Alembick in Ashes, so have you a water and clear yellow Oyl, which will settle it self at bottom: the water being half drawn off, put what remains in the Still into a Brass Basin, or Earthen Vessel well glazed, heat it over a fire, adding four times as much hot water, then filter and set it to crystallize, which gather, and gently dry them by a fire. Where note that ℥ij. of Benjamin yields but ziss. of Oyl, and but ℥j. of Crystals or Flowers. 6. Oleum Benzoini Clossæi. Mix Powder of the Gum ℥ij. with Spirit of Wine ℥iij. digest and draw as before; after the S. V. is distilled ascends a white Gummy matter, which is the Crystals or Flowers of Benjamin, which lies in the neck of the Retort, and must be removed by a stick lest the Retort break: after the Flowers comes a Butter, then the Vinegar and Flegm, then a small quantity of a sweet-scented Hyacinth coloured Oyl: and lastly, the fire being increased, a thick Balsam. From the Flowers or Gummy matter you may draw a yellow Tincture with S. V. The Crystals are good against the French Pox, and cause sweat strongly if mixt with Tincture of Guaiacum: The Oyl is

an excellent Vulnerary, and the Balsam is often sold for that of Peru.

18. Bitumen Judaicum, dry Pitch of India. It is Emollient, Discussive, and Uterine; it asswages Tumors, cools Inflammations, helps against Suffocations of the Womb, and Epilepsies by its Fume: Drunk with Castoreum it provokes the Courses, dissolves congealed Blood, helps stitches and pains in the sides, and the bitings of Serpents.

19. Cambogia, Gutta Gamba, Gutta semou, Gutta Germanica, Gum Cambogia; It is an Inspissate juice from an unknown plant: Some say it is the Juice of *Euphorbium*; others of *Scammony* and *Tithymal*, coloured with *Saffron*: others, of *Ricinus* or Greater *Eshula*, coloured with *Turmeric*: it can be no resinous juice, because it dissolves in water, therefore it cannot come from *Scammony*, *Tithymal*, *Ricinus*, or *Eshula*. It comes from China to us, and is a juice of an excellent pure yellow colour. It purges and vomits all humours, chiefly water, and is of very good use against Dropsies, Feavers, Scabs, Itch, Pox and Gout: dose ʒj. v. ad x. It works nimbly, and is mixt with other purges to quicken them: it may be given either crude or corrected. It is corrected by dissolving it in Spirit of Wine, Vitriol or tartar, abstracting and gently drying of it, that it grows not black: but note this, that acids take away all its purging property and make it sudorifick. Extract or Magistrum of Cambogia. R. of the Gum in powder ℥ij. S. V. ℥vj. oyl of Tar,

tar per deliq. ℥j. dissolve and digest in B. M. for two or three days, abstract the spirit, and gently coagulate. It purges gently without Vomiting; dose ℥j. But in my opinion preparations of it are needless, because it is almost all tincture.

20. *Camphora, Caphura, Camphir*: It is a Resinous Gum flowing from a tall Tree. The Borne in *Camphir* is best; the other comes from China; Chuse the white, clear like crystal, strong scented, will crumble between the fingers, and being fired will scarcely be quenched. There is a counterfeited sort, that put into a hot loaf will parch: the true will melt. It abates lust and vigour, hinders Conception, and causes Barrenness if much used. It is Alexipharmick and Anodyne, good against Poyson, putrefaction, Plague, and pestilential diseases: It cools all hot distempers, helps pains of the head, and stops Fluxes, the Dysenteria, Whites and Gonorrhœa. The Ancients say, It is cold and dry in the 3^d, the Moderns say, it is hot: When you beat it into powder, anoint the Peste and Morer with oyl. 1. Oyl of *Camphir*. R. *Camphir* p. j. bole p. iij. mix them, and dry them in the Sun, then distil in a glass retort in sand, into a glass receiver that has distilled rain-water in it; so have you white Fumes, then a clear water, and lastly (with a stronger fire) a sweet scented oyl, which rectified with S. V. will be yellow as gold; it has the Vertues of the Gum; it stops the Tooth-ach, or a Gangrene if put to them: mixt with Talk in powder, or calcin'd, and digested a week in B. M. it makes an excellent white Jucus. 2. Oyl of *Camphir*

from Hartman. Dissolve *Camphir* in Antiepileptick spirit of Vitriol or rectified S. V. and the Gum will swim at top like oyl: separate it from the spirit, and with terra sigillata and a little Vinegar make balls, which distil as before, so have you Spirit and Volatile Oyl. It is very powerful to the former Intentions.

3. Oyl of *Camphir* with Amber, from Horstius; Dissolve it in S. of Vitriol or Niter; gather the oyl at the top with a glass spoon, which mix with rectified oyl of Amber, and distil by a retort, and cohobate till both are united strongly: which rectifie often upon Colchotbar of Vitriol till it is very fine, and the *Camphir* disappear: It is an excellent Diaphoretick in malignant Feavers, dose à gut. vj. ad x. in Canary. 4. *Oleum Camphoræ Kesseri*. Put the Gum into an Urinal, cover whose mouth lute another: sublime in ashes or sand, turning them upside down till it is turned into Oyl. 5. *Oleum Camphoræ Compositum*. R. spirit of Turpentine ℥j. Oyl of Amber ℥iij. *Camphir* so much as the oyl will dissolve, which twice distil by a glass Vesica. It is good against fits of the Mother, Whites and Gonorrhœa, Plague and pestilential Feavers. Dose à gut. vj. ad xij. Some dissolve *Camphir* in Aqua fortis, and sell it for the Oyl, but 'tis a cheat.

6. *Essence of Camphir*. Dissolve *Camphir* in Oyl of Ben, or sweet Almonds by digestion, strain and distil; then circulate with S. V. for twenty days: draw off the spirit, and tinge the remainder with Tincture of Saffron. The Spirit and Oyl both have the Vertues of the former. Of the Oyl you may give two or three drops. But Quercetan makes an *Essence of Camphir* with tartarized Aqua

Aqua Vitæ, or Spirit of Wine, which is a thing of good use.

21. *Cancanum*. It is a Gum or Tear which drops from an Arabian Tree, as *Dioscorides* notes, almost like Myrrh, and generally used for Perfumes: Some think it Gum Lac, some Gum *Anima*, some Benjamin, others think it not known. It is Cephalick, Ophthalmick, Splenetick, and Emmenogogick; it kills Worms, and eases pains of the Bowels and Sides.

22. *Caranna*, It is a native hard Rosin almost like *Tacamahacca*, but sweeter, brighter, more liquid and compleat. It comes from Carthage in the West Indies, flowing out of a Tree wounded. It is hot and dry in 3°, and has like properties and effects with *Tacamahacca*, but is better and stronger; it is Cephalick, Arthritic, and Vulnerary, it helps all cold Aches and Swellings in the Head, Nerves and Joynts; applied to the Temples, it stops all defluxions and Tooth-ach. It dissolves old Tumours, eases pain in any part, chiefly the Nerves and Head, cures green Wounds, principally in the Nerves and Joynts, and laid behind the ears, or to the Temples, it stops rheums and defluxions to the Eyes and other parts, and is famous against the Gout. You may make a Plaster of it thus. B. *Caranna* ʒj. Bees Wax ʒss. with oyl of Moulin q. s. make a Plaster. The Gum dissolves in Oyl.

23. *Cerasorum*, Cherry-Tree Gum, dissolved in Wine or Water and drunk, it makes smooth the passages, breaks and dissolves the Stone, allays the sharpness

of Humours, helps old Coughs, Asthma's, and spitting of Blood, causes an Appetite, and a good colour in the Face.

24. *Colophonias*, Colophony, or Rosin, so called, because it comes from a place called *Colophon*; it is yellow and black, dry and brittle, the remain of the Fir-rosin boyled, or the *Caput mortuum* of Rosins and Turpentine distilled. It is strengthening, comforts weak Limbs, mollifies, glutinates, and is Anodyne; it dissolves with fat or grease, and is generally put into Plaisters. It fills Ulcers with flesh, and skins a fore.

25. *Copal*. It is a well scented, clear, hard, white or yellowish Rosin, taken from a wounded Tree in New Spain and the West Indies. It is hot in 2°. moist in 1°. It is a good Cephalick Dissolver, Anodyne, and Vulnerary. It heals Wounds, softens and dissolves Swellings. You may draw an Oyl, as from *G. Anima*.

26. *Elemi Gummi*, Gum Elemi. It is a white clear Rosin with yellowish spots, smelling sweet when burnt, taken from an *Æthiopian* Tree; that which is black, or is like *Ammoniacum*, or Gum Arabick, is naught. It dissolves in oily Bodies, heals Wounds, and Ulcers in the Head, fractures of the Skull, eases pain of the Teeth and Nerves; is hot, and mollifies, digests, dissolves, ripens, and eases pain. It is mild, and agreeable with the Body, and gently cleanses and fills Ulcers up with flesh. It provokes Urine and the Terms; and is excellent in contusions of the Joynts. You may make a distilled Oyl of it by a Retort in

M Sand,

Sand, which is a Specifick against Convulsions, Palsies and Gouts.

27. *Elatarium*, concreatred juyce of the wild Cucumber. See the way of making it, and its Virtues, Chap. 6. Sect. 33.

28. *Euphorbium*. It is a concreatred gummy juyce drawn from the *Lybian ferula* being cut. There are two sorts of it: 1. That which is yellow and clear in hollow drops, as big as Pease, resembling *Sarcocol*. 2. That which is in Bladders, of a white body, and almost like Glass. It is sometimes adulterated with *Sarcocol*, Gums, or juyce of Spurge: Chuse the fine, bright, white or yellowish, and of a sharp biting taste, which easily makes the tongue burn: the oldest is best, the fresh may not be safely taken. It purgeth Flegm and watry Humours strongly from all parts of the body, but it is violently inflaming, being hot and dry in 4°, and excellent against Gouts, Dropfies, and Palsies, Dose a ν gr. ad x. The Colledge prepares *Euphorbium* thus: B. *Euphorbium* freed from its drops, and powdered, put it into a glass, with so great a quantity of the juyce of Limmons, that it may overtop it three or four fingers; put them in a hot Bath till the Gum be dissolved; strain through a rag; put it in a Bath again, evaporate the juyce, and keep the *Euphorbium* for use: That is *Quercitan's* way. Some dissolve it in Vinegar of Roses, strain, inspissate, and wash it with Rose-water. But the best way is to dissolve it in Flegm of *Vitriol* impregnated with all its Spirit, or water sharpen'd with Oyl of Sulphur or *Vitriol*, then to decant, or strain, and coagulate.

Extractum Euphorbii. B. Prepared *Euphorbium*, and extract with S. V. decant, coagulate, and circulate with fresh Spirit, for ten days, abstrakt and coagulate with a gentle heat: It has the Virtues of the Gum: Give it not without some other mixture. *Euphorbium* yields an Oyl by distillation, which is good in cold Diseases, and dissolves Nodes.

29. *Fuligo*, Soot: That which is black, roopy, and shines like jet, is best. It is the lightest part of combustible matter, elevated from the more weighty, turn'd thick and black by cold. It is sharp, piercing, and cleansing, good against fits of the Mother; but it is seldom given alone. It is good against Fevers being laid to the wrists. *Spiritus Oleum Cy Sai Fuliginis*. Fill a Glass Retort with Soot, lute it, and distill with an open gradual fire, into a capacious receiver, so have you white spirits, flegm, yellow oyl, and at last a red. Let the Spirit and Oyl with half their quantity of S. V. be digested together, then distilled, with many Cobobations; so have you the Spirit join'd with S. V. and a rectified Oyl. Calcine the faeces, and extract the Salt with Vinegar: the common way Both Spirit and Oyl are wonderful strengthners, refreshing all the Spirits, good in fits and dejections of the mind. Dose of the Spirit a gut. ν j ad xij. Of the Oyl a gut. ij. ad iij, in any convenient vehicle. The Salt (according to Hartman) is of singular use in the cure of ulcerated Cancers, being dissolved per deliquium, and anointing with it; for it attracts the malignity visibly like a vapour. And the thick Oyl being often applica

will produce a Crust, which in 5 or six days will fall off, and leave the Ulcer whole.

30. *Galbanum Gummi*, *Galbanum*. It is a Gum from one Plant called *Metopion* or *serula Galbanifera* (See Chap. 4. Sect. 246.) being yellow or whitish, inflamable, and scented almost like to *Oppobanax*. That is the best which is pure, yellow, fat, not sticky, heavy, of unpleasant scent, not too soft, nor too hard, but has some Grains or Seeds in it. It is hot and dry in 2°. Emollient, Discurient, Attractive, Pectoral, Emmenogogick, and Hysterick: It strongly provokes the Terms and Birth; is good against old Coughs, Asthma's, Poyson, and pestilential Distempers, suffocation of the Womb, and distemper of the Spleen. Outwardly it facilitates delivery, helps the fits of the Mother, Head-ach, Megrin, pain of the Spleen. *Horstius* saith, That if it be dissolved in Vinegar, and mixt with a little Nitre, it takes away spots of the skin, freckles, &c. It dissolves Tumors, dissolves Nodes, and swellings of the Kings Evil, helps Diseases of the Joynts, and the Bittings of venomous Beasts. You may dissolve and cleanse it in hot water, Vinegar, juyce of Lemons, or Wine, *Oleum Galbani*. Mix it with Sand, and distil by a Retort in ashes. It ripens Buboës, Tumors, and Carbuncles, dissolves Nodes, and given inwardly, or laid to the Navel, it is good against Hysterick fits. *Galbanetum*, or Balsam of *Galbanum*. R. *Galbanum* ℥ss. Spirit of Turpentine ℥ij. digest ten days, then distil by a Retort in Sand. It is good against the Cholick, and contraction of the

Nerves by Uñction. *Galbanetum* *Paracelsi* R. *Galbanum* ℥ss. *Gum Hedera* ℥ij. beat them severally, mix and distil by a Retort in Sand; then add Turpentine ℥ij, Oyl of Spick ℥ij, and distil again It is Cephalick, Hysterick, and Arthritick, good for pains of the Head & Womb, stiffness of the Nerves, Gout, Sciatica, &c.

31. *Glycyrrhiza succus concretus*, Juyce of Liquorice. This is absolutely the greatest of all Vegetable Pectorals, and performs all that the Root will. See it Chap. 1. Sect. 74. It is thus made: Gather the Roots in July, and while green, let them be cleansed and beaten; boyl them in water well, then strain and expresse all that can be out of the feces, which inspiciate by the heat of a Bath. It is often adulterated by the Pulp of Prunes (which is a great shame.) The best is the sweetest, soft, new, pure, clammy, very black, and yet when broken shines, melting easily in the mouth.

32. *Guajaci, ligni sancti Resina saccharia*, Gum of *Guajacum*. Chuse that which is clear, breaks like Rosin; is of a blackish yellow, smells sweet almost lyke Benjamin, is of a sharppish taste, and of the colour and forsh of Gum Lac. It is a notable cure for the French Poz; and is of great use in curing the Scarvy, Dropsie and Gout; it stops Catarrhs, helps the Epileptic, and cures all Diseases that may be cured by Sweat. *Tinctura Gummi Guajaci*. R. Rectified S. V. ℥j. of the Gum in Powder ℥ij. dissolve, and digest 10 or 12 days, then decant it. Dose is half a spoonful or spoonful, in a glass of Rhenish Wine or Canary: It has all the Virtues of the Gum, be-

sides which it strongly provokes the Terms, and expels the dead Child. Oleum Gum Guaiaci. It is made as that of Gum Anima, and has the former Vertues. You may also make all those various preparations bereof, which you make of Benjamin. It is doubtless one of the best of Gums.

33. *Hedera*, Gum of Ivy. It is a Tear which drops from the body of the larger Ivy being wounded, being of a yellowish red colour, of a strong scent and sharp taste. It is good to take spots from the Face, take off Hair, kill Nits, and is Cautlick. It is not often used, because that which is sold in the Shops is counterfeit and adulterate, and generally no such thing.

34. *Hypocistis*. It is the juyce of the Root of the shrub *Cistis* or Holly-Rose, dried in the Sun. It is cold and dry in 3°. Is binding, stops all Fluxes, as the *Diarrhæa*, *Dysenteria*, *Lienteria*, Whites, *Gonorrhæa*, and helps most other infirmities proceeding from those diseases. It strengthens parts debilitated through superfluous moisture, stops vomiting and spitting of Blood, binds violently, and is vulnerary; it strengthens the Stomach and Liver, and taken in Mithridate, comforts weak Bodies. *Acacia* is used for it, because it is rare, but 'tis not so good. See the *Herb*, Chap. 4. *Self*. 165.

35. *Juniperi Gummi*, Juniper Gum, it is called *Sandrach*, with which Varnish is made by a dissolution in rectified S. V. Liquid Varnish is made thereof, being dissolved in Linseed Oyl, which is Anodyne, heals Burns, and the Piles. The Gum is hot and dry

in 1°. It is Cephalick, Hysterick, and Arthritic, it dissolves tumors, strengthens weakness, and cures Diseases of the Head and Womb proceeding from a cold cause. This is not the *Sandrach* of the Greeks, for that is *Orpiment*.

36. *Jalapæ Resina saccharia*, Rosin of Jalap: It is extracted with S. V. which decanted, you may either inspissate, or precipitate with water: It has all the Vertues of the Root, which see Chap. 1. *Self*. 79. Dose a ʒss. ad ʒj.

37. *Lacca Gummi*, Gum Lac. Some think this to be the *Caneum* of the Arabians without scent, but it is not. See Chap. 4. *Self*. 330. It attenuates, opens, purifies the blood, provokes Sweat and Urine, strengthens the Stomach and Liver, opens obstructions, helps the yellow jaundice and Dropsie, is Lithonriptick Pectoral, and Alexipharmick brings forth the Measles, and small Pox, and is an Antidote against the Plague and pestilential Distempers, Dose a ʒss ad ʒj.

38. *Laudanum, Ladanum*. It is a Gum or Liquor sweating from the Leaves of the Syrian *Cistus* brittle and of an Ash-colour, and sweet scent, used in Perfumes greenish, light, easily made soft, fat, resinous, and without Sand, clotted in circles. It is hot and dry, emollient, digestive maturative; it stops defluxions of Rheum from the Head upon the Lungs, Fluxes, and Lasks of all sorts: mixt with a little *Bdelium* and made into a Pill, it helps pains and illness of the Stomach stops Vomitings and Coughs, and helps spitting of Blood, as also the suffocation of the Womb.

Out.

Outwardly, it is Anodyne, and is applied in a Plaister to the Stomach, to open the Obstructions thereof, and help Coughs in Children which cannot take things inwardly: you may make hereof a distilled Oyl, as of other Gums.

39. *Laricea resina nativa*, Rosin of the Larch Tree. It is almost like Frankinsense, in colour, smell and body, and has the same Vertues. The thinnest part thereof is the Vulgar Turpentine.

40. *Mechocanna resina*, It is made as that of Jalap, and has the Vertues of the Root, See it, chap. 1. Sect. 88.

41. *Manna*, Honey-Dews, Celestial Honey; it falls from Heaven like Dew in several of the Oriental Countries, as *Judaea*, *Mesopotamia*, *Persia*, *Syria*, *Calabria*, and is found in *England*: In those hot Countries it coagulates, with us it is liquid. It is an exceeding good Purge for children, being harmless as to its operation, but very efficacious in power; purging all humours, and taking away all kind of corruption; you may give it for one hundred days together to a Child: By this alone thing I have cured scald heads of so rebellious an humour that no other Medicine would touch, and therefore commend it as a most universal thing for Children, being pleasant in taste, of good scent, of a facil and easie operation, not making sick, griping or any ways indisposing the sick: It is a good Pectoral, and is said to purge Cholera and Water chiefly. Dose *ab ʒj ad ʒij* in Milk: if very young Children, give a ʒj ad ʒiiij. The Syrian Manna is best, then that

of *Calabria*; then that which has grains like Mastick: The white and fresh is good, not old, the red and dark is old, and not so effectual.

42. *Mastick*, Mastick: It is a gummy Rosin of a whitish yellow, well scented, and in Grains, proceeding from the Lentick Tree, (See it, Chap. 4. Sect. 350.) It is hot and dry in 2°, stops Fluxes, stays Vomiting, strengthens the Head and Stomach, condenses Vapours flying up to the Brain, comforts the Nerves, cures Spitting of Blood, Asthma's, Coughs, stinking Breath, and being chewed as a Masticatory, draws away Flegm: It is of great use to correct other Purges, especially such as are sharp. 1. Solution of Mastick. It is done by digestion in S.V. in Baln Mar. It has all the former vertues. 2. Oyl per deliquium. It is done in the white of an Egg, boyled hard, and laid in a moist Cellar to dissolve. 3. Mastick water. R. Mastick ʒij, Mace ʒiij, Clove ʒls, Nutmegs ʒj, Sherry Sa. ʒviij. distill by an Alembick. It is a great Cordial, strengthner of the stomach, and internal Viscera. 4. Spiritus Mastichinus. R. Mastick ʒls, rectified S. V. ʒiiij. digest twenty days: then add spirit of Niter ʒiiij. distil in B. M. and you have first a spirit, then a water, of no use. The spirit you may rectifie in B. M. and from the Colophony in a Retort you may have an Oyl. This spirit expels wind, helps the Cholick, and strengthens a weak stomach. 5. Oyl and Spirit of Mastick. Mix the Mastick with salt and sand, ana, and distil in a Retort, so have you a white Liquor (which is the spirit) with a yellow Oyl; then (increasing the fire) a red or blackish

Oyl, which being rectified by a Retort, keep each by themselves. Being distilled with Oyl of Turpentine, you have good store of Oyl, which Faber calls the Quintessence of Mastich; which being rectified upon Virriol, will be sharp; and by the addition of water in B.M. yellow. It strengthens the Brain, Stomach, Liver, Nerves, Reins, stops Vomiting and Fluxes; eases all pains; softens hard Tumors, helps Palsies, Apoplexies, Epilepsies, Cachexies, Dropsies; refreshes the Brain, strengthens the Memory, and cheers the Animal Spirit. Dose a gr. v. ad xij. The spirit expels wind, and helps the Cholick: Dose one Spoonful. The powder of the Gum with Amber and Turpentine is good against the Whites, and Gonorrhœa. Chuse that which is bright, whitish, ripe, fine, sweet, and friable; the best comes from Chio.

43. *Meconium, The inspissate Juice of Poppies: It has the Vertues of Opium, but not full out so powerful. See Opium following.*

44. *Myrrha, Stacte, Myrrh. It is a gummy Resin, from an Arabian Tree, the Bark being cut. It is brittle, light, of one colour, full of little knobs, of a good scent, and sharp bitter taste. The Trogloditick is the best; that which is heavy and of a Pitch-colour is naught. Dioscorides saith, That Stacte is liquid Myrrh, either gathered from the Tree, or pressed from the Myrrh. It is hot and dry in 2°. Aperitive, Segnotick, Alexipharmick; it attenuates and expels Wind, opens Obstructions of the Lungs, Bowels and Womb; provokes Urine, and the Terms, expels the Birth and After-birth;*

helps a stinking Breath, Hoarseness, Coughs, Asthma's, Quinsies, Pleurifies, Fluxes, the Cholick, and kills Worms: it is a very good thing against the Plague, Agues, and Fevers, especially Quartans, being taken two hours before the Fit: Outwardly, it is good against Tumors, old Ulcers, green Wounds, Gangrenes, Fistula's, &c. It is also used in strengthening Plaisters, and to comfort cold and benumbed Sinews. Quercetan depurates it by digesting it in Wine, or some proper Juyc in B.M. till it be dissolved, and straining of it, then gently inspissates. 1. Extract of Myrrh. It is done with rectified S.V. which may be drawn off in B.M. and the extract inspissated to the consistence of Honey. It has the Vertues of Myrrh. 2. Oyl of Myrrh. 3. Myrrh thj, Bole in powder 3 handfuls, S.V. enough to make all into a paste, digest twenty days, then distil by a Retort in sand or an open fire, so have you a clear light Oyl at top, and a heavy at bottom, both which you may rectifie with Bole and Salt: It preserves all things from putrefaction, and makes the face fair and youthful; helps the washing of the Gums, and fastens loose Teeth, cleanses Ulcers, and fills them with flesh, and has all the other Vertues of Myrrh. 3. Oleum Myrrha per deliquium. Liqueur of Myrrh. It is done by putting the Powder of Myrrh into a hard Egg, and setting it in a moist Cellar to melt; or you may mix it with the whites, and lay it on a glass Tablet, that it may drop into a Receiver set underneath. This Oyl much beautifies the skin; and being taken ʒss. at a time with Sugar-Candy, helps hoarseness and coughs.

coughs. Given in a Glass of Claret or Alicant for some mornings, stops a Gonorrhœa in Men, and the Whites in Women.

45. *Oleum Omphacinum*, Oyl of unripe Olives. It is cooling, drying and binding, and strengthens the Stomach, heals exulcerations, cools the heat of burning Ulcers, repercusses Tumors in the beginning.

46. *Oleum Olivarum maturum*; It is either recent or old. The old is the hottest; but they both are Emollient, Digestive, Anodyne, and Vulnerary. They dissolve Tumors, helps stiffness of the Joynts, Cramps, &c. and taken ʒj. at a time in a Morning loosens the Belly, and cleanses, and heals the Bowels, &c. mixt with Sugar, and taken, it is Pectoral, and helps all Diseases of the Breast, and Lungs, and expels Poyson. *Oleum Philosophorum*. Heat Brickbats red hot, and quench them often in Oyl Olive, beat them to pieces or small, and distill in a Retort. It penetrates much, discusses, maturates, and dissolves cold hard Tumors.

47. *Olibanum*, Gum of the Male-Frankincense-tree. It is the best Frankincense and has all the Vertues of *Thus*: which see in what follows.

48. *Opobalsamum*. Tears of the Indian Balsam Tree, or Balsam of Peru: It has all the Vertues of the true Balsam.

49. *Opoponax*. It is a Gummy Juice which flows from the wounded Root of *Panax Heracleum*. It is of a deep yellowish Colour, fat, bitter, strong scented, light, tender, brittle, easie to dissolve in water, and Milk-like, when dissolved. It is hot and

dry in 3°, Emollient, Digestive, Discussive, and Cathartick: It discusses wind, and purges thick tough Flegm from the Breast, Brain, Nerves and Joynts, and all the remote parts; helps Coughs, Asthma's, and difficulty of breathing. *Schroder* saith, That it takes away the cold fits of Agues, if it be drunk with Vinegar an hour before the fit comes; and be also anointed on the Backbone with Oyl of Dill, and juyce of Smallage.

50. *Opium*, *Opium* is a Tear which flows from the wounded Heads or Leaves of the black Poppy being ripe: Some promiscuously use it with *Meconium*, but they do ill; for *Opium* is a Drop or Tear, *Meconium* the gross expressed juyce from the whole Plant: however they are both of one quality: *Opium* is the finer Gum, and the stronger; *Meconium* is the courser and weaker, yet the more malign. *Opium* is threefold: 1. Black and hard from Syria and Aden. 2. Yellower and softer from Cambaia. 3. Whiter from Cairo or Thebes, which last, commonly called *Thebian Opium*, is the best, being heavy, thick, strong scented like Poppy, bitter and sharp, inflamable, almost of the colour of Aloes, and easie to dissolve in water. The counterfeits, when washed, colours the water like Saffron. The best *Opium* is a Medicine to be prized, if it fall into the hand of a wise man, but of a fool as invaluable. It eases all manner of pains almost in a moment, whether inward or outward; composes a disturbed fancy, and quiets the Archers of Nature; it is Hypnotick, and of great benefit to such as continu-

ally watch, and can take no rest. It helps in most Diseases of the Breast and Lungs, as Coughs, Colds, Hoarseness, Asthma's; stops all Fluxes, helps spitting of Blood, and is an excellent thing in Consumptions, if given by a prudent hand. It is a Specifick in the Pleurisie, and stops both the Terms and Whites. It stops all manner of Rheums and Fluxes from the Head upon the Lungs; it is good against Vomiting, and fits of the Mother: outwardly also it eases all manner of pain. Authors are at a loss whether it be hot or cold. The Ancients say, It is cold from its Narcotick quality; from that Argument both Wine and Beer are cold, because taken largely, they strongly stupifie, but we know they are hot. And if a Narcotick force or stupefaction be impured to cold, the Fire may as well be said to be cold, or any thing else: Modern Physicians say it is hot, from its insensibility, sharpness and bitterness, and so without doubt it is; but which soever it is, the matter is not great, whilst we know what it will do, and how to use it without danger. Dose \mathfrak{z} gr. iad ij or iij; but it is seldom used crude or unprepared. 1. *Extractum Opii à Crollis*. Cleanse the Opium in Hyssop-water, extract with S. V. decant and abstract. This is not the best preparation, because S. V. exalts the Narcotick quality, and leaves the Salt, which is the principal behind: Hartman says (and truly too) That 'tis better done with Vinegar. 2. *Extract of Opium and Henbane*. \mathfrak{ss} . Opium prepared by drying at the fire, Juice of Henbane, ana, digest in ashes with a gentle heat, and in-

spissate, from which extract a Tincture with juice of Lemons, till it be no longer tinged; digest these tinged Liquors ten days, and keep them for use: this Extract goes into the Great Laudanum of Quercetani. 3. *Extractum Opii Quercetani*. Cut the Opium in slices, and dry them with a moderate heat in sand (avoiding the fumes) till it will rub into powder with your fingers, so will the stinking Sulphur (in which is the Narcotick force) be gone: from this Powder draw a Tincture with juice of Lemons, or Spirit of Vinegar, decant, and abstract to the thickness of Honey. It has all the Vertues of Opium. 4. *Extractum Opii ab Angelo Sala*. Moistn Opium in slices, with Vinegar, and dry it, till it wil powder with your fingers; which powder dissolve in Vinegar of Roses in sand, strain and abstract. Dissolve it again in rectified Quintessence of Elder, clarify it with the white of an Egg, and inspissate to a consistency fit for Pills. This sweats powerfully. 5. *Laudanum Opiatum Hartmani*. \mathfrak{ss} . Of either of the former Extracts \mathfrak{z} j. Salt of Corral and Pearl, ana \mathfrak{ss} . Extract of Saffron made with S. V. \mathfrak{z} ij. mix them, and add Oyl of Cloves \mathfrak{ss} . Dose a gr. ii. ad iiij. 6. *Laudanum Opiatum Quercetani*. \mathfrak{ss} . Extract or Essence of Opium \mathfrak{z} ij. Extract of Saffron \mathfrak{z} ij. mix, and add powder of Hyacynths, Corral, ana \mathfrak{z} ij. Terra sigillata, Bezgar-stone, Unicorns-horn, Amber-grease, ana \mathfrak{z} iiij. mix them over a gentle heat, till being cold, 'twill make up into Pills. It is an excellent Anodyne, never disturbing the Brain, taking away all pains from what cause soever; it stops bleeding fluxes of the Bowels, & all other defluxions whatsoever; it may be given in frenzies,

and

and causes pleasant rest in Fevers.

7. Anodynum specificum Paracelsi. ℞. Thebani Opium ʒij. juyce of four Oranges and Quinces, ana ʒiſs. Cinnamon, Cloves, Saffron, ana ʒi. digest with a gentle heat for about an hour, strain and add Musk ʒj, Ambergrease ʒiiij, Magistery or Corral, and Pearl ana ʒi. mix and digest a while, then add of the Quintessence of Gold ʒj. This is the Specifick Anodyne of Paracelsus, good for all the intentions aforesaid. Dose à gr. j. ad iii or iiij. Hartman advises to leave out the Quintessence of Gold: but then 'twill be good to add as much Oyl of Cinnamon.

8. Nephenthe of Sala. ℞. Sala's extract of Opium ʒj. Extract of Saffron ʒiiij. Bezoar-stone, or Tincture of Gold ʒiiij. Resina Xylebalsami, Ambergrease, ana ʒij, mix, and keep them in a glass for use. It eases pain, and makes the spirit light and pleasant.

9. Peccoral Laudanum of Sala. ℞. Of the liquid Extract of Opium in S. V. ʒiiij. Saffron, flower of Sulphur with Benjamin, fine Aloes, Myrrh, ana ʒj, powder, and mix them hot, to which add spirit of Salt ʒſs. to cause fermentation. It may be

very safely given in all manner of Catarrhs and Defluxions, Vomitings, Coughs, Asthma's, Consumptions, Epilepsies, Head-aches, and an Hemorrhagi, with an Extract of juyce of Liquorice: dissolved in Vinegar, it helps the tooth-ach. Dose ad gr. iiij. 10. Laudanum Plateri simplex. ℞. Opium ʒj, dissolved in S. V. Bdelium refined in juyce of Plantane ʒj, mix them, which give à gr. iiij. ad viij.

11. Laudanum Cloſſei. Digest Opium in distilled Vinegar viij days, thrice renewing the Vinegar, draw off the Vinegar in Baln. Mar. to the consistency of an Extract; of

which take ʒiiij. Extract of Saffron ʒj, Extract of Castor ʒij, Extract of the species Diambra, Diamargition frigidum, & Diamoscu dulce prepared in spirit of Vinegar ʒviij, Magistery of Corral vitriolated ʒſs. mix them, and keep the mass in a Glas half full, stirring it with a wooden spatula to foment. Dose gr. iiij. 12. Liquid Laudanum. ℞. Of dried Opium, as aforesaid ʒj, rectified S. V. ʒxij, spirit of Vitriol ʒj. species of Diambra, Aromaticum rosatum, ana ʒiſs. Ambergrease ʒj, infuse in a close Vessel; digest twenty days, then decant the Liquor and keep it for use. Dose à gutt. iiij. ad viij. or x. It has all the Virtues of any of the former.

13. Laudanum Salmonis Simplex. ℞. Opium extracted in juyce of Lemons or spirit of Vinegar ʒiiij, of the Extracts of Contra yerva, Radix Serpentaria, and Saffron, ana ʒj, Ens Veneris ʒij, Oyl of Cinnamon ʒvj, mix them, and keep them in a Glas close stopp'd. It is not inferior to any sort of Laudanum yet known, and performs all that Opium or any Laudanum will do. Dose à gr. iiij. to viij. It may be safely given in Fevers.

14. Petroseum, Oyl of Peter: It is a kind of fat flowing from Rocks or Stones; whether it be Vegetable or Mineral, it is doubtful; this is certain, that being inspissated, it much resembles a Gum: It is hot and dry, emollient, Digestive, and Discourting, of wonderful power in comforting and supporting the Nerves. By rectifying of it you have a fine clear Spirit, and at the bottom a kind of Colophony, of good use in curing Wounds and Ulcers: the Spirit is good for Boils and Ulcers; and mixt with S. V. is of singular good use against the Palsie,

Palsie, and numbness of the Limbs, as also the Gout.

52. *Pinea resina nativa*, Rosin of the Pine-tree. It is hot and dry, near in quality to that of the Larch-tree. The dry is of the nature of Frankincense, incarnates and heals wounds: The moist of the nature of common Turpentine.

53. *Pissasphaltos*, It is a factitious Rosin made of Pitch and Bitumen, called by some *Arabian Mummy*: But there is a Natural described by *Dioscorides*, called *Asphaltos*, which is a kind of Bitumen, fat, or Rosin hard as Pitch, and clammy; the best is Jewish, which comes from the *Mare Mortuum*, or a kind of black, shining purple colour, heavy, and of a strong scent. It is hot in 3°, dry in 2°. It cures Head-ach, and cold Diseases of the Nerves.

54. *Pisseleon indicum*, *Barba-does Tar*. It is Balsamick, Anodyne, Discussive, Digestive, Maturative, and Vulnerary, and as some think, not much inferior to the natural Balsam; it is a most excellent thing in curing of all manner of Wounds and Bruises; it asswages Tumors, and eases pains of the Gout. You may draw an Oyl from it by a Retort in Sand, prevalent to all the purposes aforesaid, and of singular use in Palsies, Numbness, Convulsions, and Cramps.

55. *Pix Abietina factitia*, Pitch of the Fir-tree. It comes from such as are killed almost with fatness and Age. It is made by burning after the way of distilling by descension; making great heaps of the Wood, covering of it on the top with pieces of Earth, that the fumes may not ascend, and

kindling of it at a hole, the Pitch by force of the fire flows down into Channels underneath: It is made very plentiful in the Northern Regions, as *Norway*, *Finland*, *Swedeland*, &c. The thick is called *Pix* of Pitch; the thin *Pisseleon* or Tar. When this Pitch is purged again by boyling, it grows thick, and is called *Stone-pitch*, or *Navel-pitch*, by some *Palimpissa*, which is before it is used about Ships; but *Zopissa* after it is taken from them. It is of the nature of Rosin, but draws much more, and therefore matures Tumors, eases Pains, heals Wounds, comforts any cold or benumbed part, and is good for bruises. The liquid or Tar, is hot, not so dry as the former, Emollient, Discutient, Digestive, Anodyne, and Vulnerary. You may Distil from both of them an excellent Oyl or Balsam (either *per se*, or mixt with sand) in large quantity, having all the former Vertues, and helps Diseases of the Nerves from a cold cause.

56. *Pix Burgundica*, *Burgundy Pitch*. It is hot and dry, Attractive, Anodyne and Vulnerary: applied to the Temples it helps the Tooth-ach; to the Nape of the Neck, it draws Rheums from thence; it is (in a Plaister) extraordinary good for bruises, dislocations, and old Aches, and brings Tumours to suppuration: It is the Rosin of the Pitch-tree.

57. *Pix Cedria*, Pitch of the Cedar-tree. It is hot and dry in 4°. It helps Ulcers of the Lungs, and has the Vertues of other Pitch: It is often used to embalm with, because it keeps dead bodies from putrefaction: without doubt it is a very excellent Rosin.

58. *Pix Laricea*, Pitch of the Larch-tree. It is made as that of the Fir-tree, and has the same Vertues.

59. *Pix Pineæ*, Pitch of the Pine-tree. It is made as that of the Fir-tree at *Self*. 55. It differs not from the former in Vertues and Operation. The Tar helps the Prissick, expectorates rough slegm, and heals spreading Ulcers.

60. *Pix Terebinthina*, Pitch of the Turpentine-tree. It is made as that of the Fir-tree, and put to the same uses. Indeed all these kinds of Pitch are not discernable one from another, but have the same colour, taste, and smell: The Tar also is of equal Vertues with that at *Self*. 55. It helps the Inflammations of the Almonds and of the Throat, as also the Quinsie: beaten with Salt and applied, it helps the bitings of Serpents and mad Dogs: with Oyl of Roses it helps murthering Ears: with an equal portion of Wax, it helps deformed nails, wasteth waxen Kernels, and swellings of the Spleen and Mother. Mixt with Barley-meal and Boys Urine, it is good against Tumors and Sores of the Kings Evil; and if you add Brimstone to it, it stays *Rhagedens*.

61. *Prunorum*, Plumb-tree Gum. It has all the vertues of the Cherry-tree Gum.

62. *Saccharum album & rubrum*, Sugar white and brown. It is the juyce of Reed, called the Sugar-Reed or Cane, growing in India, and now in several parts of Asia, Africa, and Europe. That which comes from the *Madevaes* is best; That from the *Canaries* next: That from *Malta* next:

Then that which comes from the *Barbadoe*, *Virginia*, *St. Thomas*, &c. It is made by boyling the Canes (ground or beaten) till the Sugar be congealed at bottom like Salt, which is then very brown: if it be but meanly cleansed by boyling in water, it is called course Sugar; if well depurated, white or fine: hence we have sugar of divers colours, according to the degrees of its purification. The refined Sugar, is that which is purified by a Lixivium (made of Quick Lime and Water) being dissolved in it, boyled, scummed, thickned, and then cast into Moulds, which have holes at the bottom to let out the feculent juyce. The white is the best, then the gray, then the red. Sugar is restorative, and good in all Diseases of the Lungs, as Coughs, Colds, Asthma's, Hoarseness, and Ulcers there. It attenuates, cuts, and cleanses, and eases pain, and is vulnerary. 1. Sugar of Roses. It is made of Sugar dissolved in the juyce of Roses. 2. Sugar of Violets. It is made of Sugar dissolved in juyce of Violets, in both which you may boyl to a consistency. 3. *Tinctura Sacchari*. B. Fine Sugar 3j. Oyl of Tartar per deliquium as much: Digest in B. M. two or three days; then put to it spirit of Wine ʒiij. Digest, and you have an excellent Tincture. Dose one spoonful or more. Schroder advises to put a little Vinegar to the first digestion, (I suppose to cause fermentation) but that is needless. 4. Liquor of Sugar. Put Loaf-Sugar into a hard white of an Egg, and let them melt. 5. Spirit and Oyl of Sugar. It is gradually distilled from the Sugar in a Glass-still

in sand : the Oyl swims at the top, which you may rectifie and separate. The spirit is sharp and acid, dissolves Coral, Pearl, Shells and Stones, like Spirit of Guajacum : The Oyl is strengthening, attenuating and incising, and is good against effects of the Breast and Lungs given in any convenient Vehicle.

63. *Saccharum Candum album & rubrum*, Sugar-candy white and red. It is Sugar purified and crystallized, like other Chrystals of Salts. The white is made of Tannary Sugar ; the red of that which comes from S. Thomas. Syrup of Sugar-candy. Take Sugar-candy in powder, add S. V. an inch or more above it, set it on fire, and let it burn till 'tis as thick as Syrup. It has all the virtues of Sugar, and is of singular use against violent Coughs and Colds. Dissolved also in the hard white of an Egg, it is of the same purport.

64. *Sagapenum Gummi*, Serapinum, Gum Sagapen. It drops from the Ferula or Fennel Giant (Chap. 4. Sect. 246.) It grows in Media, is brought thence to Alexandria, thence to Venice, and thence to all other parts of Europe. What is clear and fine, is best, of a yellowish red outwardly, whitish inwardly, and strong scented almost like Onions or Leeks. It is hot in the 3^o. dry in 2^o. It purges thick clammy flegm, and gross humours from the Head and Brain, Breast, Stomach, Bowels, Womb, Reins, Nerves, and Joynts, as Mesue testifies. It provokes the Terms, but kills the fetus ; it is of great use in Drop-sies, Cachexies, Green-sickness, Epilepsie, Palsie, Trembling of the Joynts, Convulsions, Coughs,

Asthma's, Megrim, Head-aches, Gout, Sciatica, Obstructions of the Spleen, Cholick, and Agues, or Fevers. Outwardly, It is good in Pleuritis, applied to the place, as also Tumours of the Spleen and the Gout. Dose a ʒss. ad ʒj. correct it with Mastick, Grains, Anniseeds, &c. It is depurated as Ammoniacum, and in like manner you may have distilled Oyl by an Alembick in Sand ; which is prevalent to all the Diseases which the Gum is good for.

65. *Sanguis Draconis*, Dragons blood. It is the Tear of a Tree, red like Blood, the Fruit of which is like to a Cherry, whose skin being taken off is like a Dragons ; from whence came that name. It comes from *Portus Sanctus in America*. It will dissolve in water, and make it white, and is depurated in the same by boyling, decanting from the Faces, and then inspissating. It is temperate, drying and binding : It stops all sorts of Fluxes, and spitting of Blood ; stays Catarrhs, and strengthens the Stomach. Outwardly, it heals Wounds, stops Bleeding, fastens Teeth, dries up Catarrhs, and laid to the Navel, stops Dysenteries.

66. *Sarcocolla Gummi*, Sarcocol ; It is a Gummy Tear in Grains, (from a Tree of the same name) almost like to Frankincense, of a kind of a yellowish colour, and bitter taste, clammy and easie to be dissolved in water. Hot and dry in 1^o. It is Segnotick, Digestive and Vulnerary ; consolidates, concocts, and maturates : It stops Fluxes, Catarrhs, Rheums,

and

and admirably heals wounds. Dissolved in womens milk, or a weak Lime water, with a little Sugar and Rose-water, it stops Rheums in the eyes, takes away Clouds, Pin and Web, suffusions, &c. you may give of it inwardly a ʒss. ad ʒj, corrected with Spices, to purge gross and clammy Humours from the Lungs, Joynts, and extrem parts.

67. *Scammonium*, Scammony. It is a concentered Juice from the Root of the Plant *Scammonia*, or the purging Benweed (Chap. 4. Sect. 594.) It comes from Syria and Antioch, which is the best; then the Armenian; the European is of little worth. Chuse that which is clear, fine, brittle, yellowish when broken, not very weighty, and with spittle grows milky, not much inflaming the Tongue. That which is thick, black and heavy, is either adulterated, or the juice of the whole Plant: It is often adulterated with juice of *Tithymal*, which is partly known by its heat. It is a very strong purger of Cholera, Flégm, and watry Humours, either alone or commixed. It is of great force against the Dropsie, Jaundice, Pox and Gout; opens all inward Obstructions, attracts from the Joynts and most extrem parts; provokes the Terms, and cures the *Cachexia*, and Green sickness in Virgins, and is one of the best Head-purges that is. You may give of it crude a gr. v. ad xv. It is hot and dry in 3°. Authors have various ways of preparing and correcting of it as follows: 1. *Diagridium*. The Colledge orders it thus; Take the Core out of a Quince, and fill it up

with Scammony in powder, joyn the Quince together again, wrap it in Past, bake it in an Oven, or rest it under Embers, then take out the Scammony, and keep it for use. 2. Scammony prepared. Crollius makes the preparation of it one of Hercules his Labours; some do it with juice of Citrins; but Quercetan says, It is best prepared in juice of Lemons, or Flegm of Vitriol impregnated with its spirit; for in this spirit lies only the true preparation of those things which are too hot, which are by it exquisitely corrected; but because the spirit of Vitriol alone, (or also Tartar) burns Gums to pitch, making them lose much of their purging Virtues, it will be good to mix it with fair water, or Tincture of Roses, and then make use of it as a Correcter. 3. Scammony Sulphurated. Lay Scammony in powder on a brown Paper, which hold over live Coals, which have sulphur cast thereon, which stir continually till it be melted, and become white. Dose a gr. v. ad viij. 4. Vitriolated Scammony of Hartman. Imbibe the fine powder of Scammony in Oyl of Sulphur or Vitriol mixed with fair water (ʒj of Oyl to ʒij of water) and a small quantity of Oyl of Anniseeds (to give a flavor) beat it to a mass like clammy pitch. It purges gently a gr. 15. ad xxv. 5. Extract of Diagridium. First, R. Cloves, Mace, Nutmegs, Cinnamon, Ginger, Grains of Paradise, Calamus, Carraways, Orange-Peel, Liquorice, ana ʒiij, Spirit of Wine half a pint, extract a Tincture. Secondly, R. Diagridium ʒvj, which extract with S. V. also: put the two Extracts together, and evaporate to a consistence. Dose a gr. xv. ad xxv. 6. Extract of Scammony with Liquorice

quorice. Let roots of *Liquorice* be infused a day and night in spring-water, and then a little boyled, strain and repeat this work in the same water thrice: In this decoction dissolve fine powder of Scammony; after which decant from the feces, and with a very gentle heat abstrakt the water: It is an excellent Prescript; for *Liquorice* is a true Corrector of Scammony, and all other Purges, without enervating their Virtues. Schroder orders you to filter the dissolution, but then you will lose a great deal of Scammony, which will never go through, nor will the Medicine be ever the better. 7. *Diacrydonium Scammoniatum* B. Marmalade of Quinces tks, powder impalpable of sulphurated Scammony ℥ij. mix them well, and let them boyl in a gentle B.M. to a good consistency. Or thus, B. Scammony ℥ij, extract the Tincture with S.V. mix it well by degrees with juyce of Quinces tks, boyled wit Sugar tks, and cast them into their Moulds. Dose a ʒj ad ʒijss. 8. Purging Spirit of Scammony. B. Scammony p. iij. Juyce of Quinces p. ij. mix, and set them in a gentle heat, stirring them once a day till they are dry, then add Juyce of *Liquorice* p. j. Spirit of Wine a sufficient quantity, digest, and you have an excellent purging spirit, which works without making sick or griping. You must proportion the Dose to the quantity of the Scammony.

68. *Scammonii Resina*, Rosin of Scammony. B. Of fine Scammony in powder ʒj. Spirit of Wine ℥xii. Digest it in B.M. two or three hours, often stirring of it to make it dissolve, filter it hot, then add cold water, making

it like Milk; draw off the S. V. so will the Rosin settle to the bottom; decant the Water, and wash the Rosin twice or thrice, keeping it for use. It has all the Virtues of Scammony: You may give a gr. x. ad xv. Hartman orders the same to be done with distilled Vinegar, and gives a gr. viij ad xij: where note, that if your Scammony be fine, you will have full ʒij of Rosin out of ʒijj of the Gum.

69. *Strobilina resina nativa*, Rosin of the Pitch or Pine-tree: By the Pitch Tree, we mean the *Abies mas*, or male Fir, which is a kind of Pine. Used Emplasterwise it is of notable force to comfort weak Limbs, give ease in pains of the Gout, mollifie hard swellings, disperse Imposthumes, cleanse Ulcers, and fill them up with flesh.

70. *Storax Calamita*, Cane Storax. It is a gummy Rosin, or concreted juyce brought from *Pamphilia*, *Syria* and *Sicilia*. Chuse that which is in Grains, fat, clammy, reddish or yellow, with white fragments, sweet sent, and when softned gathers almost like honey: That which is black or without scent, or like Bran or Sawdust, is naught. It is hot and dry, Cephalick, Pectoral, Arthritic, Emollient, Digestive, and Anodyne. It eases strong pains of the Head, cures Coughs, Colds, Asthma's, Hoarseness, Catarrhs, gives ease in the Gout, comforts and strengthens the Nerves, helps Convulsions, Palsies, and Numbness, cures Barrenness and hardness of the Womb; and taken in a Pill with Turpentine, it loosens the Belly. Oyl of *Storax*. Dif.

Dissolve the Gum in Rose-water, distil by an Alembick in Ashes, first with a gentle fire, and when the Oyl comes, with a stronger. This Oyl hath all the Virtues of the Storax, and is much more effectual: a drop or two put into the Ears takes away the noise of 'em.

71. *Storax liquida*, Liquid Storax. What this is, Authors can scarcely determine: Some think it to be *Stæffe*: *Serapio* saith, It is the Oyl of the Kernels of the Fruit of the Tree that yields *Storax*: *Avicenna* saith, it comes from the Decoction of the Bark of the same Tree. *Dioscorides* saith, It is made in Syria, of *Storax Calamita*, boyled in Wine, Oyl, and Turpentine; which, says he, violently heals and softens; being discussive, Anodyne, and Vulnerary, and indeed good for all the intentions for which the former *Storax* is prescribed.

72. *Tacamahacca Gummi*, *Tacamahac*. It is a new-found Gum, brought from New Spain, which bleeds from a tall Tree being wounded. It is almost of the colour of *Galbanum*, with white spots of grains like *Ammoniacum*, very sticking, and of a very strong taste and scent. It is hot in 3°, and dry in 2°, and very astringent. It is Cephalick, Stomatick, Pectoral, Hysterick, Digestive, Discussive, Maturative, Carminative and Anodyne. It discusses Wind and Pains, softens Tumors, is good against the Gout, Sciatica, and all other pains of the Joynts: In so much that it is so famous among the Indians, that they use it against all pains: whatsoever, without any other remedy. It is good for pains and aches of the Head, Womb and Nerves, and

cures old Aches by simple application Plaisterwise: The fume of it being cast upon Coals is good against Fits of the Mother: and *Monardus* says, it cures Wounds in the Nerves and Joynts, presently preventing Convulsions: A Plaister constantly applied to the stomach strengthens it, and stops vomitings; and laid upon the Navil, it keeps the Womb in its place: laid to the Temples, it repels all Defluxions upon the Eyes or Teeth, and put into a hollow Tooth, cures the Tooth-ach: It cures Punctures, Wounds, and running Pains: applied to the region of the Spleen, it helps Tumors and pains thereof; and laid over the Belly, stops fluxes, &c. In a word, it is a most excellent thing against all Nodes and pains in what part of the Body soever.

73. *Tartarum*, Tartar or Lees of Wine. It is a viscous clammy Mucilage, or earthy Salt, of a stony nature, easily growing hard, separated from certain Vegetables, chiefly of the Grape. 1. *Cremor Tartari*. R. Take impalpable powder of Tartar well washed in warm water; to which put boyling water, and stir it with a wooden Spatula, till part of the Tartar be dissolved: filter it through an Hypocras-bag while it is hot, lest it coagulate. To the Tartar remaining add more boyling water, and repeat the former work so often, till all the Tartar be dissolved, and nothing remain but only the sand. Put all these waters together, and let them cool, so shall you have the Cream at the top, and the Crystals to stick at the side and bottom, which keep for use: if the Crystals shoot not, you must evaporate the water till they will. Both Cream & Crystals are of one nature; if they be

not white enough, you must dissolve, filter, and coagulate again. They attenuate, digest, and strengthen the Stomach; open all Obstructions of the Stomach, Liver, Spleen, Bowel, Reins, and Bladder, and excellently loosens the Belly; being given à ʒss. ad ʒij. with a grain or two of Scammony, or *Gutta Gamba*. 2. Crystals of Tartar Chalybeated. ʒss. Cream or Crystals of Tartar ʒiij. Crystals of steel (made with sp. Vitriol) ʒi. dissolve the steel in Rose-water, and mix it with the Tartar in a stone Mortar; dry and powder, adding a few drops of Oyl of Cinnamon. It is excellent in all Chronick and Hypochondriack Diseases, as Green-sickness, Obstructions of the Spleen, Melancholy, Jaundice, Quartan Agues, Dose à ʒj. ad ʒj. 3. Chalybeate Cream of Tartar. ʒss. Water impregnated with ʒij. of Powder of Tartar, which dissolve in eight quarts of water by boiling; evaporate a quarter part: put into it (the water being yet very hot) filings of steel ʒiv. then take it from the fire, and immediately strain it, (lest the Cream be Vomitive) and set it to shoot. It has the Virtues of the former. 4. Spirit and Oyl of Tartar. ʒss. Powder of white Tartar, distil it with a Glass Retort in sand, or a naked Fire. First, you have a Flegm, then a Spirit like a Cloud; lastly, a thick Oyl, which separate from the Spirit. The Spirit you may rectifie by three Cohobations upon Colothar; or by distilling it four times in B. M. always washing the Still with a strong Lixivium. The Oyl is rectified by adding to it a good quantity of water or distilled Vinegar, and distilling in B. M. Separate the Oyl; and mix with it again good Rose-water, distil, sepa-

rate, and keep the Oyl for use. The Spirit is Sudorifick, Alexipharmick, Emmenogogick, Diuretick, Antiscorbutick, and Anodyne: It cuts, attenuates, dissolves, and opens all obstructions: Is wonderful in Dropsies, Gout, Scurvy, Palsie, Scabs, Itch, Leprosie, or French Pox, proceeding from what cause soever, whether wandering or fixt. Dose à gut. xx. ad ʒij. The Oyl expels Wind, eases the Cholick, and helps fits of the Mother. Dose ad gut. iiij. Outwardly it is good (mixt with other things) against scabs of the French Pox. 5. Compound Spirit of Tartar. Extract a Salt from the Caput Mortuum of the former Work, which purifie, and joyn it with the aforesaid flegm, spirit, and Oyl: Digest in B. M. in a close vessel, till the Salt is dissolved: then make balls therewith of dry clay, & distil them by a Retort in a naked fire, and all the Salt will come over with the Spirit and Oyl, perfectly united to the Spirit: But the stinking Oyl you must separate. The Spirit has all the former Vertues, but is much more powerful. There is a Philosophick Spirit of Tartar (found out by Clossius) which will make Aurum Potabile, which you may see in Lib. 3. of our Synop. Medic. 6. Sal Tartari, seu Sal. Regis. Salt of Tartar. Calcine the Caput Mortuum of the simple spirit, or new Tartar (which you please) in a Potters Furnace, make a Lixivium in water, filter and evaporate; if it be not white enough, dissolve, filter, and evaporate again. It is an excellent thing in the Stone, provokes Urine, opens all Obstructions, and has all the Vertues of the former Spirits. Dose ʒss. 7. Oleum Tartari

Tartari

Tartari per deliquium. Let Salt of Tartar melt in a Cellar, or dissolve it in water, filter and coagulate to the just consistency. It has all the Vertues of the Salt, kills Tetters and Ringworms, heals Ulcers, Scabs, and scald Heads. A few drops of it mixt with a Cathartick makes the purging force stronger: & a little of it mixt with any Menstruum, makes it extract the Vertues of any Vegetable the easier. 8. **Tartarum Vitriolatum.** B. Of the aforesaid Oyl of the salt ʒij, drop upon it Spirit (or Oyl) of Vitriol or Sulphur ʒj, till it make no noise: when the Ebullition is over, evaporate with a gentle heat to dryness. It causes Digestion, and strengthens the Stomach, dissolves Tartar in the Body, and opens all obstructions whatsoever: It cures Fevers, the Green-sickness, stoppage of the Terms, and Quartans: Dose a ʒss. ad ʒj, in Mead. After this manner you may vitriolate the salt of all Vegetables. 9. **Crystals of Tartar Vitriolated.** B. Crystals of Tartar ʒij, spirit of Vitriol ʒj, digest till dissolution, then add hot water to dissolve it quite, evaporate a little, and set it to Crystallize. It has the former Vertues, but not so powerful. 10. **Tincture of Tartar.** To fine salt of Tartar calcin'd till it is blew, add S.V. digest, and extract to redness: then decant and evaporate to the thickness of Oyl, so have you Tincture of Tartar. It is a violent Diuretick and Lithontripick: It cures the Scurvy, Dropsie, Green-sickness, Obstructions of the Spleen and Mesentery, Hypochondriack Melancholy, and Quartans. Dose a gut. iij ad x. 11. **Purging Oyl of Tartar, Impregnate Salt of Tartar**

with Vinegar, till it has no more sharpness: add S.V. and draw it off by several Cohobations, then set the Salt to melt, so have you a purging red Oyl. It is eminent in all Drop-sies and dangerous Diseases; and purges a gut. v. ad x. 12. **Purging Tartar Vitriolated.** B. Of the former Oyl extracted dry, drop on it Spirit or Oyl of Vitriol till the boiling ceases: abstract the humidity in sand: then reverbereate, and fix the salt by an equal heat without melting of it. This is Paracelsus his Specificke purge: It works well, provokes sweat, and cures the Scurvy, Dropsie, Gout, Plague, and all malignant Fevers. Dose ʒ ss. or gr. xij. in Syrup of Roses or Buckthorn. 13. **Magisterium Tartari Senneri.** Put S. V. an inch above fine salt of Tartar; digest and draw it off with a gentle fire: add more S.V. and repeat this work very often; so will the salt of Tartar take in the Volatile Salt of the S.V. Then sublime, and you shall have the salt of Wine free from flegm or water. 14. **Liquor of Tartar.** Digest calcin'd Tartar and common Salt, ana. ʒij, in water ʒ iij, in a gentle heat for a week, stirring it every day: strain, and add thereto fine Tartar ʒj. Digest ten days, and filter it for use. It excellently opens obstructions of the Spleen and Mesentery, is good against Melancholy, the Scurvy, Dropsie, stoppage of the Terms, and Green-sickness. Dose one spoonful of Rhenish Wine and Mead. 15. **Salt of Tartar Volatiliz'd.** B. Fine Salt of Tartar, and rectified S. V. Distil it with an Alembick from sand, cohobating three or four times, so the salt of Tartar will stick to the sides of the Still. Where

note, that in B.M. it will not sublime. This, *Schroder* faith, is excellent to break the Stone, given in *gr. v. or vi.*

74. *Terebinthina e Chio, Chio-Turpentine.* It comes from the Turpentine-tree, is clear, transparent, of a whitish or glossie blew, sharp taste, and sweet scent. But *Clusius*, thinks that the true Turpentine is not in the Shops, but only that of the Fir-tree That from *Chio* is best; then the *Lybian, Pontick, Arabian, Syriack or Cyprian*; then the *Venice-Turpentine*: That from the *Larch*, is the vulgar or common Turpentine. It is Pectoral, Uterine and Nephritick; helps Coughs, Asthma's, Ulcers of the Lungs, and spitting of Blood; opens Obstructions of the Liver, Spleen, Reins, Bladder and Womb; provokes Urine, expels the Stone, loosens the Belly, heals inward Ulcers, cleanses the Womb, is excellent in Consumptions, cures Gouts and Gonorrhoea's. Authors shew how to wash it, but 'tis best (so is all Turpentine) unwashed. You may give it either alone in a Wafer, or dissolved in the Yolk of an Egg, and mixt with water; or thickned so as to be brought into Pills; but the former ways are the better. *Crato's* Pills against the Gout and Stone. *R.* Of the best Turpentine ʒj, boyl it in Ground pine-water till it is white: Rhubarb in powder ʒvj, Ground-pine. white Amber, ana ʒij, Liquorice ʒj, make a mass. Dose ʒʒs, ad ʒj. You may make also a Spirit, Oyl, and Balsam afterwards.

75. *Terebinthina Cypria, Cypress-Turpentine.* It comes from the

Turpentine-tree as the former, only differs in place of growth; and so has the same Vertues.

76. *Terebinthina Veneta, Venice-Turpentine.* It comes from the Turpentine-tree also, but is thinner, and ofteneft of the three used: dissolved in the yolk of an Egg, and made potabile; being taken in the Morning fasting, it loosens the Belly, and cures Gonorrhoea.

77. *Terebinthina Laricea, Common Turpentine, or Turpentine of the Larch-tree.* It is coarser, but has the Vertues of all the former; is vulnerary, and used outwardly in Plaisters to draw, ripens Tumors, heals Sores and Ulcers, and cures Wounds; which last it does by one application: It is emollient, cleansing and breeds flesh. *R.* Spirit and Oyl of Turpentine. Mix it with water, and distill by a Vesica; so have you first a clear Oyl, which is called spirit; afterwards a yellow Oyl (then change the Receiver) continue the distillation till it be all come over, and only a Colophony remains. The Spirit is hot and dry, provokes Urine, breaks the Stone, is good in Coughs and most Diseases of the Lungs, cures a violent Gonorrhoea, Ulcers of the Yard, and the French Pox: It resists poyson, purges the Stomach, helps the Strangury, strengthens the Nerves, and dissolves Contusions and coagulated blood. Dose ʒʒs. ad ʒj. The Oyl is emollient, opening, and purging, and may be used instead of the true natural Balsam: It is excellent in cold affects of the Nerves, is good in obstructions of the Lungs, Asthma's, and difficulty of breathing: give a gut. v. ad

v. ad x. in any convenient Vehicle. Outwardly it is said to help the prints of Scabs, and of the Small Pox, chaps in the skin, and deafness. 2. Balsam of Turpentine. It is drawn from the Colophony by a Retort. It is hot, attenuates, is aperient, cleansing, and conglutivative. It helps the Gout, old Aches, and pains, hard Tumors, Strunk Sinews, stiff Joynts, old scorified Ulcers, Gangrenes, and Chilblains. 3. Spiritus Terebinthinæ Conradi. B. Honey p. ij. Turpentine p. j. mix and distil by a Retort of an Alembick. If gut. iij, v, or viij, of this Spirit be given every day in Arsmart-water, it breaks and dissolves the Stone both in the Reins and Bladder. 4. Tinctura Terebinthinæ. It is extracted with Spirit of Wine out of a very red Colophony, what remains is also an excellent Anodyne and Vulnerary Balsam: The Tincture has in some measure the Virtues of the Spirit.

78. Thus. Frankincense. It is a native Resin, from an Arabian Tree called *Lovan*, which we call the Frankincense-Tree. It is Male or Female: the Male is called *Olibanum*, which is a Resin, hard, clear, of a yellowish white within, fat, and round like drops. The Female is softer, more resinous and inflammable, and yellower. *Olibanum* is the best of the two (being from Trees which grow on Mountains) but they have both one and the same Vertues. Frankincense is hot in 2°. dry in 1°. It is Pectoral, Cephalick, Stomatick, Anodyne, and Vulnerary. It cleantes, fills Ulcers with flesh and heals them; cures green Wounds, chiefly of the Head; is

good against Kibes and Chilblains, and helps Ulcers in the Fundament. Laid on with Pitch and Vinegar, it cures Warts, Scurf, and Morphew. It is excellent against cold Diseases of the Head, as the Megrim and Vertigo; helps Coughs, Asthma's, Vomiting, spitting of Blood, and all sorts of Fluxes, both of the Bowels and Womb. It is good against Melancholy, stops Rheums, and a Gonorrhœa. In a fume it strengthens the Head, dries up Catarrhs, and strengthens a moist Brain. You may make a Spirit, Oyl, and Balsam from it as of other Rosins. Liquor de Thure. It is made in the white of an hard Egg; and is good to clear the skin, take off spots, freckles and morphew, and to fill up hollow Ulcers with flesh.

79. Tragacanthum Gummi, Gum Tragacanth. It is of a Gum flowing from the wounded root of a thorny Shrub called *Tragacantha* in Greek, and *Spina hirci* in Latin, that is Goats-Thorn. It is temperate in all Qualities, lenifies, stops the pores, and obtunds sharp Humors; It is used chiefly to help Coughs, Colds, roughness of the Throat and Wind-pipe, pains of the Reins and Bladder, and the Bloody Flux. It is made into a Mucilage with warm water, to make up Troches, and other things which require form. Dose of the Gum is ʒ i, or ʒ ij.

80. Turpethi Resina, Resin of the Root Turbith. It is made with S.V. as that of Jalap or Scammony; and has the Vertues of the Root. See it Cap. 1. Sect. 132.

81. Viscus Aucupum, Bird-lime. It is made of the Bark of *Agrifolium*, or the Holly-Bush, that is

N 2 Take

Take the Bark and put it into a ditch in boggy ground, covering it with Boughs of Trees, and letting it remain till it be putrified, which will be in about 12 or 16 days; then beat it in a Mortar to the thickness of Lime, after which wash it often; and putting to it a little Oyl of Nuts, or Sal-

let Oyl, keep it in earthen Vessels for use: It consolidates Wounds; but taken inwardly is mortal, because it glews up the Intrails. It is a good Medicine for Flowers. See Chap. 4. Sect. 700. Applied Plaisterwise, it is a great Anodyne, and eases all manner of paine, and strengthens the Nerves.

C A P. IX. Of JUICES.

Colledge.] *Vinegar, Juice of Citrons, unripe Grapes, Oranges, Barberryes, Tears of the Birch-tree, Juice of Cherries, Quinces, Pomegranate, Lemons, Wood-Sorrel, Oyl of unripe Olives, of ripe Olives, Juice of Red and Damask-Roses, Wine, Tears of the Vine.*

SALMON's Comment.

1. **A** Cetum, Vinegar. It is various according to what it is made of, whether Beer, Ale, Mead, Sider, Perry, or Wine. That from the Wine is best, and yet better if Vitriolated. Vinegar of Metheglin is best for the dissolution of Metals, for it has both an Animal and Vegetable Nature, and so has the greater power of dissolution, and is therefore called Philosophick Vinegar. Vinegar of Beer, Ale, Sider, Perry and Wine are not so good dissolvents. Authors are of Opinion that Vinegar is both hot and cold in substance, of dry and thin parts: It makes thin, penetrates, binds, resists putrefaction, is good against the stinging of Serpents, and is sudorifick; it cleanses, is Anodyne, and cools the heat of Fevers, cuts Flegms, heals fretting Ulcers and the Itch. It

is the nearest of any thing to the Nature of Vitriol, and the chief corrector of hot Gums and poisonous juices. 1. Distilled Vinegar. Put it into a Glass Still in B. M. or Ashes with a gentle heat, draw off the Flegm without taste, which will be near a quarter-part; change the receiver, and force over the spirit. If the Vinegar be for Physical uses, you must take heed of burning it, lest your extracts smell of it: If for Metals, draw off the flegm in a gentle heat in B. M. then in sand distil violently till a red spirit ascends, and all be come over. 2. Spiritus Aceri Clostxi, spirit of Vinegar. B. Six quarts, and distil in a luke-warm B. M. till but a quart remains; then in ashes draw off the remainder to dryness, cohabating two or three times upon the feces. If you would have it yet stronger, make balls of the Crystals and

and Bole, and drive it through a retort, so have you spirit, which rectified, will be fiery and corrosive.

3. Crystals of Vinegar. Inspissate it to the consistence of Honey, and set it to Crystallize, which you may purify by dissolving in the slegm drawn from the Vinegar; and Crystallizing again. 4. Honeyed Vinegar. B. Honey ℥iij. Vinegar 4 Inches about it, distil in sand, and there will be a sower water, which rectifie. It dissolves Coral, Pearl, Shells and precious stones. 5. Radicated or alkaliz'd Vinegar of Sennertus. B. feces of distilled Vinegar, calcine them dry, then add Distilled Vinegar, and draw it off again in sand, cobobating so often till all its common or fixed salt ascend with the Vinegar.

2. Acetocitas vel succus citrei, Juice of Citrons: See the Fruit.

3. Agresta, Omphacium, Verjuice; See it, Chap. 6. Sect. 1.

4. Aurentiorum, Juice of Oranges; See the Fruit.

5. Barberorum, Juice of Barberries, it cools in Fevers, and stops Fluxes.

6. Berula Lactyma, Tears of the Birch-tree. It heals sore mouths, is very pleasant to drink, quenches thirst, and very effectually breaks the Stone in the Reins and Bladder.

7. Chermes, Grana tinctorum. Juice of the Berry Chermes. The best grains are such as are whole, are of a blackish red, and have a little Worm in them. Essence, Juice, or extract of Chermes is made of the Fruit bruised with Spirit of Wine, or good Canary, Sherry, or Rose-water, made sharp with some drops of Spirit or Oyl of Sulphur. It is hot and

dry, a great Cordial, Sudorifick and Alexipharmick; it comforts the heart, revives all the Spirits, Natural, Vital and Animal, refreshes a weary Carcass, hastens the Birth in Travel, drives out the Measles and Small Pox, resists the Plague, and all Pestilential Fevers, defends the heart from Poyson, cures wounded Nerves, and is Traumatick and Pectoral. With these Grains Dyers dye Scarlet cloth. See Chap. 4. Sect. 328.

8. Cydoniorum, Juice of Quinces. See the Fruit, Chap. 6. It is cordial, cools the heart of Fevers, quenches Thirst, stops Fluxes.

9. Granatorum, Juice of Pomegranates. It comforts the Stomach, cools the heat of Fevers, and stays vomiting. See the Fruit, Chap. 6. Sect. 45.

10. Limonium, Juice of Lemons, it has the same vertue with that of Pomgranates, but is more cold and sharp. See the Fruit, Chap. 6.

11. Lujula, Juice of Wood-Sorrel. It is Cordial, cools Fevers, quenches thirst, and stops vomiting, being also a great Friend to the Liver.

12. Oleum Omphacium & completum, vel maturum, Oyl of Olives, ripe and unripe; See them, Chap. 8.

13. Rosarum rubrarum & damascenarum, Juice of red Damask Roses. It serves to make either Syrup, Essence, or Quintessence of; by fermentation. See Chap. 5. Sect. 59.

14. Vitis Lacryma, Tears of the Vine. They are a clear juice which bleeds or weeps from the stalks

or branches cut. Inwardly it breaks the Stone, cools and comforts the heart. Outwardly, dropt into red, blood-shot, and dark eyes, it cures them.

15. *Vinum*, Wine. It is the juyce of the Vine exalted by fermentation. The richest and ripest is best. It is a Liquor compounded of many parts, as 1. Spirit or fine incorruptible Essence. 2. Much incorruptible water. 3. A smoaky Spirit, which is its common Salt, thick, more volatile than Wine, and arising like smok. 4. The fat combustible Oyl, which follows that smoaky Spirit, being but little in quantity. 5. A Corrosive Salt out of the *Caput Moruam*. 6. A slimy unprofitable Earth after extraction of the Salt. Wine in its own body is Cordial, a comforter of the Heart, and an elevator of the Spirits. Taken moderately, it nourishes the body, cherishes the Natural heat, causes Digestion, and quickens the circulation of the Blood. There are several sorts of Wine, the chiefest of which are, 1. *Canary*. 2. *Mallago*. 3. *Allicant* (a kind of Greek Wine.) 4. *Tent*. 5. *Sherry*. 6. *Portoport*. 7. *Rhenish*. 8. *Florence*. 9. *French*, white and red, of which, the first in our Order, excel those that they go before. The sweet and fat Wines are best for Consumptive persons, As *Canary*, *Mallago*, *Allicant*, *Tent*, (except the Disease came by drinking them) *Canary*, *Sherry*, *Portoport*, and *Rhenish* are best for extracting of Essences and Tinctures. *Florence* is excellent for weak Stomachs and Heads. *French Wine* is ordinary. Of all these Wines you may make

several Preparations, which because the method is generally one and the same, take them as follows under the common name of Wine.

16. *Spiritus Vini*, Spirit of Wine. Distil the best Wine by a *Vesica*, till the finest parts are ascended (which is known by the taste) let it be several times rectified in B. M. drawing off the half, third, or fourth part, till the Spirit is high, and no humidity remain that will flame: Where note, that the Orifice of the Still being covered with a four-fold thin paper, or thick cloth, the Spiritual parts will only penetrate, and the watry fall back again; and if you have a Still with a long neck or Serpentine glass, you will rectifie it the better.

17. *Spiritus Vini Tentzelii*, *Tentzelius* his Spirit of Wine. Digest the best Wine 20 days in Horse-dung or Sand, then Distil it often in a Glass Body, and rectifie it till it is fiery: B. of this spirit 15, fresh Wine 15, draw off from it in a Retort one pint; add again of fresh Wine 15, and distil again, which work repeat 8 or 10 times, till but 15 remain, so have you the most volatile spirit of Wine.

Vertues. It is hot and dry, a sulphurous, inflammable, piercing, incorruptible, volatile Spirit, Cephalick, Cordial, Alexi-pharmick, and Sudorifick, resisting Poyson, Putrefaction, Plague and Pestilential Diseases. It cheers the Heart, revives the Spirits, elevates the Mind, comforts cold Stomachs and Constitutions: it is good in Apoplexies, Coma's, Carus, Lethargies, dissolves cold hard Tumors, and discusses con-

gealed

gealed Blood. It is a good Menstruum to extract ordinary tinctures with.

18. *Spiritus Vini Vitriolatus*, Vitriolated Spirit of Wine. R. Spirit of Wine, Spirit of Vitriol rectified, ana ʒ iiii, distil in an Alembick by Ashes or Sand, first with a gentle fire, then increase the heat by degrees to so great a strength, that both may pass together through the Alembick; repeat this work thrice, and circulate it for forty days; so have you a most excellent Spirit both for smell and taste. It is a wonderful Enemy to putrefaction, and a great Vulnerary; it cures all curable Wounds at once dressing with it, and is of a singular use in burning and malignant Fevers.

19. *Spiritus Vini Tartarizatus*, Tartarized Spirit of Wine. R. Spirit of Wine ʒij, Tartar in powder ʒj, distil in a Bath full of Sawdust or Straw moistened with water, so that the drops may fall leisurely, which cease when the flegm begins to come; but if the flegm ascend with it, rectifie it. Before rectification you may repeat the former work, with the addition of an ounce more of Tartar. Sennertus says, If you rectifie the Spirit upon the same Tartar, with several Cobinations, making a strong fire at the Conclusion, (casting away the flegm that comes in the middle) you shall have S.V. Tartarized.

20. *Aqua Philosophorum*, The Philosophers Water. Calcine Tartar till it be greenish blue, or sky-coloured, pour on Spirit of Wine Tartarized, digest, distil, and at last force it with a violent fire. This is wonderful in curing Diseases arising from Tartar, in the Scurvy, Quartans, Hypochondriack Me-

lancholy, Asthma, Cachexia, Dropsies, and Obstructions of the Liver, Spleen, and Bowels; being given with Tincture of Saffron it causeth rest and ease. It is the best Menstruum to make all purging Tinctures and Extracts, whether out of Vegetables, Minerals, or Animals. If it be circulated in a Bolt-head Hermetically sealed, it becomes Balsamick and sweet-scented, and from a Crystalline colour is made a Rubine, being as it were a Balsam of Life and Vital Powers, exalting Nature to her highest degree of purity and clarity, by quickening the internal fire and heat: Three or four drops of it given with the Essence of Saffron, gives ease and rest, and restores in Consumptions.

21. *Spiritus Vini Alcalizatus*, Spirit of Wine Alcalized. Take good Sack, draw off both spirit and flegm, and separate them; calcine the feces, and make a salt of them with the flegm, which salt dissolve in the spirit. It is a great Cordial and Restorative.

22. *Spiritus Vini Microcosmi*, Microcosmical Spirit of Wine. R. Rectified spirit of Wine, pure salt of Urine, ana, mix, and set them for a while in a cold place, then digest in Balneo Vaporis in a Bolt-head hermetically sealed for forty days, then in B. M. rectifie it twice. It is an excellent Anodyne, and given inwardly, opens all obstructions. It is a noble Menstruum for drawing Tinctures and Extracts, and of making of Aurum Potabile.

23. *Quintessentia Vini*, The Quintessence of Wine. Distil the best Wine in B. M. rectifie it twelve

times, till the spirit be fiery; put it into a Bolt-head with its own salt, which seal Hermetically, circulate in Balnea Vaporis for forty days: then open it by degrees; if it smell much the Quintessence is perfect; if not, close it again, and circulate as before, till the smell be strong, and of a sweet taste and scent. It is Balsamick, a restorer of decayed nature, a friend to the natural Balsam of Life, and a certain Antidote against Poyson, Plague, and all pestilential and malign Fevers, curing them in less than twelve hours; you may give a gut. x. ad

xx. causing the sick to sweat. It cures the Falling Sickness, and forces away the dead Child in the same Dose: but a Spoonful helps delivery to a wonder.

24. Spiritus Vini Basilii, Basils sweet Spirit of Wine. R. Rectified S.V. spirit of salt ana. digest, and unite them by distillation till the mixture be sweet. It will not radically dissolve Gold, but it will extract its Tincture, and is of excellent use in curing wounds, and opening all manner of obstructions in Man's body. It heals wounds at once dressing.

C A P. X.

Of Simple Distilled WATERS.

Colledge.] 1. From fresh Roots, Of Briony, Onions, Elecampane, Orice or Flower-de luce, Turneps. 2. From Leaves and Buds, Of Southernwood, both sorts of Wormwood, Sorrel, Wood-sorrel, Agrimony, Ladies-manile, Marsh-mallows, Pimpernel with purple flowers, Angelica, Parsly, Columbines, Mugwort, Asparagus, Mouse-ear, Burdock, Basil, Borrage, Birch-tree, Bugloss, Shepherds-purse, Calamint, Marigolds, Woodbine, Carduus Benedictus, Ladies-thistle, Centory the less, Knot-grass, Succory, Chervil, Celandine, Scurvy grass, Comfrey, Dragons, Endive, Colts-foot, Fennel, Fumitory, Goats-Rue, Broom, Grass, Ground-Ivy, Hyssop, Lettice, Lovage, Toad-flax, Hops, Marjoram, Mallows, Hore-bound, Motherwort, Bawm, Mint, Horse-mint, Tarrow, Water-creeses, English Tobacco, White Poppies, Pellitory, Stone-parsly, Plantain, Purslain, Self-heal, Penny-royal, Oak tree, Rue, Sage, Saxifrage, Scabious, Scordium, Pile-wort, Houle-leek, Wild Thyme, Night-shade, Tanisie, Tormentil, Valerian, Vine, Meadow-sweet, Nettles. 3. From Flowers, Of Oranges, Cammomil, Blew-Bottles, Beans, Arch-angel, Lavender, Water-lillies, Lillies of the Valleys, Hollybacks, Poppies of both sorts, Cowslips, Rosemary, Roses white, red, damask, Elder, Satyrion, Lime-tree, Clove-gilly-flowers, Violets. 4. From Fruits, as of Oranges, Black-Cherries, Citrons, Quinces, Cucumbers,

cumers, Strawberries, Winter-Cherries, Lemons, Raspberries, unripe Walnuts, Sweet-scented Apples. 5. From Living Creatures, Crabs, Periwinkles, Harts-horn, Bullocks or Cow dung, Swallows, Earth-worms, Magpies, Spawn of Frogs. Simple Distilled Waters being digested afore-hand. 1. From Leaves, Of Agrimony, Wild Tansie, Mugwort, Betony, Marigolds, Camomil, Chame-pitys, Celandine, Pilewort, Scurvy-grass, Comfrey, Dandelion, Fumitory, Ground Ivy, Horsetail, Hypericon, Yarrow, Money-wort, Rest-harrow, Burnet, Solomon's-seal, Sun dew, Rue, Savin, Saxifrage, Harts-tongue, Scordium, Tamaris, Mullin, Vervain, Pauls-Betony, Meed-sweet, Nettles, 2. From Flowers, Of May-weed, Broom, Cowslips, Butterbur, Peony, Elder. 3. From Berries, Of Broom, Elder. 4. To these may be added, The Tears of the Vines, Tears of the Birch-tree, May-Dew distilled.

SALMON'S Comment.

BECAUSE that we have been already very large in the Vertues of Herbs, and that the simple Distilled water retains but a small part of the forces of the Herb from whence it is drawn; as also because waters are never destinated alone to the cure of any Disease, but are generally used in Compositions to particular ends; and as certain vehiculums to other designed Medicaments; we shall not treat of every one particularly here as they are laid down, but divide them into certain Classes, according to the number of the chief intentions. Cold distilled Waters are but a certain kind of flegm, almost useless in the Art of Physick, yet Custom has prevailed, and pleads both Antiquity and Authority for their prescription. Therefore with

1. Cephalicks, you may mix water of Wormwood, Calamint, Sweet Marjoram, Baum, Sage, Scabious, Thyme, Valerian, Roses, red, white and damask, Lavender, Peony, and Rosemary-flowers, Tile-flowers. Winter Cherries, Wallnuts, Agrimony, Camomil, Rue, Betony.

2. Pectorals, mix water of Enula Roots, Orice, Turneps, Wood-Sorrel, Mouse-ear, Colts-foot, Fennel, Hyssop, Horehound, Mints, White Poppies, Parsly, Self-heal, Penny Royal, Scabious, Tansie, Violet-Flowers, Clove-gilly-flowers, Fumitory, Ground-Ivy, Harts-tongue, Scordium, Betony, Plantain.

3. Cardiacks, mix water of Angelica, Pimpernel, Borrage, Carduus Benedictus, Dragons, Marjoram, Baum, Mint, Sage, Scabious, Thyme, Tormentil, Orange-flowers, Lavender-flowers, Rosemary-flowers, Roses, Clove-gilly-flowers, Citrons, Ros Solis, Rue.

4. Spleneticks, mix water of Smallage, Succory, Hops, Horehound, Poppies, Pellitory of the Wall, Tansie, Valerian, Blew-bottles, Cowslips, Violets, Black-Cherries, Agrimony, Chamepitys, Scurvygrass, Dandelion, Ash-tree leaves, Harts-tongue, Scordium, Tamaris, Elder, Dwarf-elder, Parsly, Sage.

5. Nephreticks, mix water of Orice-roots, Marsh-mallows, Small-

Smallage, Asparagus, Calamint, Mint, Fennel, Grass, Hops, Baum, Arsmarr, White Poppies, Pellitory of the Wall, Parsly, Penny-royal, Sage, Tanfie, Winter-Cherries, Camomil, Chamepitys, Scurvygrafs, Rest-harrow, Savin, Saxifrage, Scordium, Nettles, Berries of Eroom and Elder.

6. *Hystericks*, mix water of Briony-roots, Enula-roots, Smallage, Ladies-thistle, stinking Arach, Dragons, Hyssop, Baum, Sage, Scabious, Featherfew, Mugwort, Motherwort, Ragwort, Poppies, Tanfie, Wild-Tansie, Rue, Savin, Saxifrage, Scordium, Vervain.

7. *Arthriticks*, mix water of Briony-roots, Onions, Orice-roots, Smallage, Goats-rue, Baum, Water-creffes, Tobacco, Poppies, Oak-leaves, Housleek, Night shade, Tormentil, Water-Lillies, Cucumers, Agrimony, Comfrey, Fumitory, Yarrow, Knot-grafs.

8. *Segnicks*, mix water of Elecampane-roots, Smallage, Columbine, Mouse-ear, Shepherds-purle, Woodbine, Knot-grafs, Horehound, Plantain, Oak-leaves, Sage, Higwort, Night-shade, Sleet-flowers, Red Roses, Quinces, Wild Tanfie, Comfrey, Horie-tail, Rest-harrow.

9. *Narcoticks*, mix water of Knot-grafs, Succory, Lettice, English Tobacco, White Poppies, Plantain, Purslain, Housleek, Night-shade, Melons, Cucumbers, wild Tanfie, Comfrey, Fumitory, Ground-Ivy, Yarrow, Horie-tail.

10. *Hypnoticks*, mix water of Onions, Southern-wood, Wood-forrel, Pimpernel, Smallage, Carduus Benedictus, Succory, Lettice, Marjoram, Featherfew, Poppies,

Purslain, Housleek, Night-shade, Valerian, Flowers of Lavender, Cowslips, Rosemary and Roses, Black Cherries, Cucumbers, Winter-Cherries, Betony.

11. *Diureticks*, mix water of Briony-Roots, Elecampane, Orice, Smallage, Asparagus, Calamint, Arsmarr, Dragons, Featherfew, Mint, Water-creffes, Poppies, Parsly, Penny-royal, Tanfie, Winter Cherries, Camomil, Scurvygrafs, Dandelion, Rest-harrow, Saxifrage.

12. *Emmenagogicks*, mix water of Briony-roots, Onions, Elecampane, Orice, Smallage, Dragons, Fennel, Hops, Marjoram, Featherfew, Baum, Mints, Water-creffes, Parsly, Penny royal, Thyme, Tanfie, Winter-Cherries, Mugwort, Solomons-seal, Savin, Saxifrage.

13. *Sudorificks*, mix water of Elecampane-roots, Wormwood, Wood-forrel, Angelica, Pimpernel, Smallage, Calamint, Carduus Benedictus, Dragons, Fennel, Marjoram, Lettice, Purslain, Poppies, Water-creffes, Sage, Scabious, Tormentil, Valerian, Ros Solis.

14. *Alexipharmicks*, mix water of Wormwood, Angelica, Pimpernel, Borrage, Calamint, Carduus Benedictus, Dragons, Goats-Rue, Marjoram, Baum, Mint, Sage, Scabious, Thyme, Tormentil, Valerian, Flowers of Lavender and Rosemary, Clove-gilly-flowers, Roses, Citrons, Cucumbers, Walnuts, Marigolds, Cammomil, Celandine, Ros Solis, Rue, Scordium, Butterbur.

15. *Antifebrificks*, mix water of Elecampane-roots, Wormwood, Wood-forrel, Angelica, Pimpernel,

nel, Borrage, Calamint, Carduus Benedictus, Ladies-thistle, Succory, Dragons, Goats-rue, Featherfew, Baum, Mint, Poppies, Sage, Scabious, Thyme, Tanfie, Tormentil, Valerian, Lavender, Rosemary, Roses, Camomil, *Ros Solis*, Rue.

16. *Traumaticks*, mix water of Turneps, Ladies-mantle, Smallage, Mouse-Ear, Borrage, Woodbine, Ladies-thistle, Colts-foot, Fennel, Goats-rue, Lovage, Hops, Baum, Water-creffes, Poppies, Pellitory, Parsly, Plantain, Self-heal, Penny-Royal, Sage, Scabious, Throat-wort, Tanfie, Agrimony, Chamepitys, Alchoof, Horftail, Scordium.

17. *Lisbontipticks*, mix water of Bryony, Onions, Elecampane, Marshmallows, Smallage, Sparagras, Dragons, Fennel, Grass, Hyssop, Hops, Baum, Horse-mint, Water-creffes, Poppies, Pillitory, Parsly, Penny-royal, Winter-Cherries, Nettles, Chamomil, Scurvy-grass, Rest-harrow, *Ros Solis*, Savin, Saxifrage, Broom, Elder.

18. *Carminatives*, mix water of Onions, Elecampane, Angelica, Smallage, Calamint, Dragons, Fennel, Goats-rue, Marjoram, Mint, Parsly, Penny-royal, Sage, Time, Valerian, Sloe and Rosemary-flowers, Chamomil, *Ros Solis*, Rue, Saxifrage, Harts-tongue, Scordium Vervain.

19. *Anodynes*, mix water of Wood-Sorrel, Pimpernel, Calamint, Succory, Dragons, Fennel, Hyssop, Lettice, Baum, Water-creffes, White Poppies, Parsly, Penny-royal, Sage, Scabious, Rosemary-flowers, Oranges, Agrimony, Bettony, Chamomil, Celandine, Rue.

20. *Analepticks*, mix water of Turnips, Wood-sorrel, Angelica, Borrage, Succory, Colts-foot, Fennel, Hyssop, Lovage, Toad-flax, Mallows, Baum, Mint, Poppies, Plantane, Self-heal, Sage, Roses, black Cherries, Quinces, Apples, Lobsters, Cockles, Snail, Earth-worms

21. *Catharticks*, mix water of Bryony, Smallage, Borrage, Succory, Mallows, Sage, Tanfie, Beans, Blew-bottles, Oranges, Citrons, Quinces, Apples, Chamomil, Scurvygras, *Ros Solis*, Savin, Saxifras, Tamaris, Vervain, Nettles, Broom, Peony, Elder.

At the end of the distilled waters, the Colledge gives you advice, how otherwise to prepare them than formerly; the sense of which (although better directed in their old Dispensatory) we shall give you in the following Lines:

Colledge.] We advise that these common Waters be better prepared for time to come, namely, that sweet-scented Herbs and Flowers (being temperate) may be sprinkled with a small quantity of Spring water; but such as are hot, with the same quantity only of Wine. Put them into a glazed earthen Pot, or other small Vessel, stopping it close to keep them from the air, which set in a temperate place till they wax warm. Then immediately (lest they should mould) let them be distilled either in a common Still (luted to its Receiver) with a gentle fire; putting good store of Ashes underneath, or in the heat of a Bath. But let such Herbs and Flowers which are cold

cold (being fresh and gathered in a fair day) without any preparation be forthwith distilled. To those that are dry, you may put a greater quantity of water, to the moist a lesser.

Salmon.] In their old Dispen-

satory Culpepper told them, He knew who they might thank for that Rule; but this is so ordinary, that I believe no body will thank them for it: Cursed is he that leads the blind out of the way

C A P. XI.

An Explication of Comprehensive Terms.

1. **T**HE five Greater opening Roots. Parsly, Sparagus, Fennel, Smallage, Kice-holly.

To the former you may add these: Garlick, Onyons, Liquorice, Angelica, Gentian.

2. The five lesser opening Roots. Grass, Eringo, Capers, Restharow, Maddar.

To these you may add: Elicampain, Horse-radish, Brithwort, Polypodium, Turnericke.

3. The two opening Roots. Fennel, Parsly.

To these you may add: Cichory, Endive, Celandine, Squills, Masterwort.

4. The five Emollient Herbs. Marsh-mallow, Mallows, Beets, Mercury, Violet Leaves.

To these you may add: Arrach, Colewort, Pellitory of the wall, white Lillies, Mellilot.

5. The five Capillary Herbs. Maiden-hair, Wall Rue, Spleenwort, Hart Tongue, Trichomanes.

These are greater Capillaries. Rosemary, Lavender, Peony, Sage, Poppy.

6. The four Cordial Flowers. Borrage, Bugloss, Roses, Violets.

To these you may add: Saffron, Spicknard, Rosemary, Clovegilliflowers, Poppy.

7. The four greater hot Seeds. Annis, Carraway, Cummin, Fennel.

To these you may add: Cardamoms, Grains of Paradise, Mustard-seed, Pepper.

8. The four Lesser hot Seeds. Bishops-weed, Amomus, Parsly, Carrots.

To these you may add: Cubebs, Dill, Smallage, Rocket, Erysimum.

9. The four Greater cold Seeds. Citrus, Cucumer, Gourd, Melon.

To these you may add: Poppy, Henbane, Night-shade, Hemlock.

10. The four lesser cold Seeds. Endive, Succory, Lettice, Purslane.

To these you may add: Sorrel, Dandelion, Plantane, Chickweed.

11. The four Pleuretick waters:

Car-

Cardus Benedictus, Ladies Thistle, Scabious, Dandelion.

To these you may add: Poppy, Scordium, Sage, Rue, Celandine.

12. The three hot Flowers: Camomil, Mellilot, Oris or Flower-de-luce.

To these you may add: Saffron, Rosemary, Lavender.

13. The three Stomach Oyls. Wormwood, Quinces, Mastich.

To these you may add: Cinnamon, adeps Rosarum, Oyl Omphacine, Mirtles.

14. The four hot Ointments. Agrippæ, Alhææ, Aragon, Martiacum.

To these you may add: Anodynum, Laurinum, Amarum Nervinum.

15. The four cold Ointments. Album Camphoratum, Populeon, Refrigerans Galeni, Rosatum.

To these you may add: Nightshade, Sumach, Diaphompholigos, Pamatum.

16. The four Ointments for the Salvatory. Basilicon, Viride Apostolorum, Aureum, Album. The first is to digest, the second to cleanse, the third to incarnate, the fourth to skin.

17. The five Fragments of precious Stones. Granate, Jacinth, Sapphire, Sardias, Emerald. Their names are greater than their Vertues simply considered without due preparation.

Libri Primi F I N I S.

ZOOLOGIA.

Of ANIMALS. Their Preparations, Virtues and Uses.

Liber Secundus.

C A P. Homo, ἄνθρωπος, אִישׁ, אָדָם, Enosh, Ish, Man.

We shall consider the Parts as they are taken, I. From a Living Body.
II. From a Dead Body.

I. **C**rinis, Pilus, the Hair: The Powder thereof drunk, cures the jaundice and suffocation of the Womb: the Ashes of it mixt with Hogs lard, and anointed helps laxated Joynts: the simple Ashes stop bleeding:

An Oyl distilled from it with Hony, anointed on bald places, causes hair to grow. It is distilled either alone by a Retort in Sand, and the foetid Oyl mixt with Aqua Millis: or Conjunctively, and then you must draw the

the Spirit, as that of Honey.

2. *Ungues*, The Nails, in powder or infusion, they cause Vomiting, great sickness at Stomach, and giddiness in the Head: the Powder laid to the Navel in Dropsies, is said to cure them. *B.* Of the powder of the Parings 3j. Wine a Pint, digest till it turn to Slime, filter, and add spirit of Wine 3ij, of which give from 3j to 3j, to the uses aforesaid. Where note, That some, to cure Consumptions, rake the Hair and Nails of the Patient, cut them small, and put them in a hole in the Root of a Cherry-tree, and then stop it with Clay. Others, to cure *Quartans* and the Gout, rake the said Hair and Nails cut small, and either give them to Birds in a roasted Egg, or put them into a hole bored into the body of an Oak-tree, or Plum-tree, stopping up the hole with a peg of the same Tree: Or else mix them with wax, and stitch it to a live Crab, casting it into the River again.

3. *Saliva, Sputum*, Spittle, Fastig Spittle, rubbed on oftentimes, cures Pimples, and breaking out on the skin making the Skin clear, as also the stinging of Serpents, and biting of mad Dogs.

4. *Lac*, Milk. It is emollient, and cools and cures red eyes simply of it self; but a grain or two of white Vitriol being dissolved in it, it is more effectual. Or thus. *B.* Womans milk and white Vitriol, and draw off only the flegm, for the purposes aforesaid, in a glass Still in Balneo Mariæ.

5. *Menstrua*, *Sanguis Menstrualis*, Menstrual Blood. Taken from Virgins and dried, given inwardly, it is prevalent against the Fall-

ing sickness and Stone: Outwardly, a Clout dipt in the liquid Blood with Vinegar and Rose-water, and applied, cures the Gout, cleanses the skin from deformities, is good against Carbuncles and Aposthumes, and worn as an Amulet, is good against the Plague.

Secundina, The Secundine and the Navil-string. A drop or two of the blood of the Navil-string being first given to a newborn Child in a little Breast-milk, prevents the falling-sickness, Convulsions, and all other Fits; and very wonderfully revives it almost dead. *Hartman* says, it is very strong against the Cholick. The Secundine calcin'd, and given in Southernwood water, (but experience commends Rosemary or Celaadine-water for the better) every day half an Ounce while the Moon decreases in light (and if possible in motion too) wonderfully cures *Struma's*, or the Kings Evil, and the Falling-sickness: It causes also the dead Child to come away; as also *Mola*, or false Conception.

7. *Sperma, Semen*, The Seed. Of this *Paracelsus* makes his *Homunculus*, or little man: Experience has found it good against Witchcraft, and the imbecility of the Instruments of Generation. And some use to make it a magnerick Mummy of, to serve as a *Philtre* to cause Love.

8. *Calculus*, Stone taken from the Kidneys or Bladder. It dissolves and expels the Stone and Gravel from all parts, and opens Obstructions, being given 3j; at a time in powder. *Sal Calculi Crystallinum*, or the Crystal Salt.

Calorie

Calcine the Stone, and boyl it in water, filter, evaporate, and you have a Salt: Calcine the Salt, dissolve it in hot water, and set it to Crystallize; but you may first calcine it with Sal-nitre, or Sulphur and Sal-nitre, or a double quantity of Beech-tree-coals. Sennertus first calcines with a circular fire, then reverberates, then with Beech-tree coals. Oleum Calculi per deliquium. It is made by dissolution of the Salt in a moist Air, of either you may give in the cases aforesaid from gr. v. to ʒss. Elixir Calculi Humani: Volatize the Crystall Salt thereof with S. V. then with a gentle heat draw off the Spirit, and there remains an Oyl or Elixir: the Vertues, Use and Dose are the same with the former.

9. *Stercus, Dung. It is Emollient, Anodyne, and Maturative: It ripens Plague-Sores being applied; and dried, powdered and mixt with Honey, it cures inflamed Wounds and the Quinsie: The ashes given ʒ ii, at a time in Agues, cures them. Paracelsus calls it Carbon Humanum: and it is reported that it takes pains away caused by Witchcraft. Aqua & Oleum Sterci Humani. R. Mansdung, let it putrifie till it be full of small Animals, and be almost dry; distil it in a Retort with a gentle fire, so have you both Water and Oyl, the fetid seera of which you may take away by often Rectifications, Colobations, and Digestions. The Water drop into sore Eyes, cures them, cures baldness, corroding Ulcers and Fistulas: Inwardly given it is found very profitable against the Stone and Gravel in the Reins and Bladder,*

bitings of mad Dogs, and other venomous Beasts. It helps Dropfies, and is very effectual in the cure of the Falling-sickness. The Oyl outwardly cures scald Heads, Gouts, Cancers, Mortifications, and an Ulcerated Erysipylas: Inwardly, *Libavius* says, It cures the Jaundice. *Zeberhum Occidentale*, Occidental Civet, is made hereof, being nothing but the true Essence of Man's Dung. It may be made so like the true Civet, that it shall be difficult to discern the difference. See *Agricola*.

10. *Urina, Urine. It is hot, dry, discussive, absterfise, and resisting Putrefaction; it opens obstructions of Liver, Spleen, and Gall; is good against the Dropfie and jaundice, and causeth easie delivery to Women in Travel: Outwardly, it discusseth Tumors, cleanses Wounds, dries up moist Humours, cures Gangrenes and the Itch: and in Clysters loosens the Belly: Boys Urine drop into the Ears cures their soreness, and opens Obstructions there: Mixt with Rose-water and drop into the Eyes, it cures redness there: In a Gargle it helps the swelling of the Throat. Of Mans Urine there are many singular preparations made, the chief of which follow.*

11. *Spiritus Urinae, Spirit of Urine.*

R. Fresh or new-made Boys Urine that drinks Wine, distil by an Alembick in B. M. cohobate it, and you have flegm and spirit, which separate; and elevate the spirit in a glass body; so shall it be a very volatile and white, but exceeding stinking.

It may be used as it is against the Stone in a proper Vehicle;

but *Labium* rectifies it; and then uses it in Gout, Asthma's, and Stone, mixt with the Essence of Lithontripicks; and so with a proper Syring inject it into the Bladder; It is a Specifick in the cure of Pleurificks, Stitches, Coughs, Colds, &c.

12. *Sal Urine volatile, Volatile Salt of Urine.* R. Boys Urine, spirit of Wine ana mix and evaporate, to the consistence of new honey; put it into a long neck Glass, and distil it with so small a heat in ashes or sand, that it may condense in the Alembick, and there will come forth in the Alembick a white spirit like Snow, which in the cold will coagulate; if this spirit be joyned with the Salt of the Feces, and volatiliz'd by often cohobations; it will be a notable menstruum to draw the Vitriol of Metals, chiefly of Silver: if yet it be digested with common Salt, and purified by often solutions and coagulations for about ten days and nights in *Balneo Vaporis* it will resolve; and by the addition of rectified S. V. and ten days digestion, it will be a good Menstruum to dissolve Gold.

13. *Essentia Urine, Essence of Urine.*

Digest Boys Urine in a glass body in B. M. or in Horse-dung for 40 days, that it may putrifie: decant from the feces, and distil in sand till all the humidity is gone: cohobate from the Caput Mortuum thrice, and distil in a Gourd with a long and wide neck (that the Volatil Salt may not stop it) but with so gentle a fire, that the Glass body may be always cold, and there will ascend a spirit like Crystal, without humidity: dissolve these Crystals in

rain water, rectified, and repeat six times: then digest the Crystals in a Glass sealed Hermetically with a very gentle fire for twenty days, till they become a transparent water; which some correct by often drawing off of it fresh S. V. but I think to a disadvantage.

It is a powerful Sudorifick and Anodyne, and eases pain by external application: It opens all obstructions of the Bowels and Mesentery; cures the Scurvy, Cachexy, Dropsie, Jaundice, Hypochondriack Melancholy, breaks and dissolves the Stone in the Reins and Bladder, and expels it. It is Diuretick, purifies the Blood, provokes the Terms, helps Fits of the Mother, and cures Fevers Quotidian, Tertian, and Quartan: Dissolved in Spirit of Vitriol, and distilled again, it cures Epilepsies: Dose is from gr. x. to ʒ j, in any convenient Vehicle. Externally it abates all inflammations, cures Gouts, Gangreens, and Tooth-ach. *Dr. Med. lib. 2. cap. 2. Sect. 22.*

14. *Magisterium Urine, Magistery, or Salt of Urine.*

R. Defecated Urine putrified as in the last, distil with a gentle fire in B. M. till the flegm is drawn off: rectifie the spirit in a Glass with a long wide neck, so have you the Volatile salt, which take, and cast away the flegm: distil what remains in sand, and a more volatil salt arises: of the Caput mortuum make a fixt salt; which mix with thrice as much clay, form it into Balls, dry them, and distil by a retort, so have you the spirit of the fixed salt, into which drop the former spirit or Volatil salt, till the noise ceases, then sublime in sand; so have you a
fine

fine, pleasant, and delectable Salt of Urine.

This is much stronger than the former, and cuts and dissolves the Tartarous Coagulum in the whole Body, performing all that the former does, expelling ill humors by Stool, Sweat and Urine: It preserves from the Stone taken once a Month before the new Moon, and cures Consumptions wonderfully. Dose gr. 10.

15. *Oleum Urinae*, Oyl of Urine.

℞. Of that gritty or tartarous matter which sticks to the bottom and sides of the Chamber-pot, calcine, dissolve, coagulate, and then dissolve again per deliquium.

If it be given ʒj at any time in a convenient Vehicle, it perfectly dissolves the Stone.

16. *Sanguis*, Blood. Some say that Blood drunk hot, cures Epilepsies, if violent exercises be used after it: but it is very dangerous, for oftentimes it causeth Epilepsies, and brings great tremblings upon them that take it: the Powder or Ashes of it applied to any Flux of Blood stops it.

17. *Mumia ex sanguine*, Mummy of Blood.

℞. Blood of a sound Man, gently dry it, impregnate it with juyce of Lemons, or spirit of Vitriol; and with Myrrh make it into Troches.

It stops bleeding, is good against Epilepsies, and cures Carbuncles, if ʒss be given at a time in a morning fasting in Cinnamon-water, or other Antepileptick Vehicle.

18. *Aqua & Oleum Sanguinis humani*, Water and Oyl of Mans Blood.

℞. The Blood of a young man in the Spring time, digest forty days,

then distil in ashes or sand by an Alembick, so will you have water and Oyl: rectifie the water in B. M. the Oyl in a Retort, drawing them off nine or ten times, till it be of a red colour. In the first distillation beware you burn not the feces.

The Water cures Consumptions and Hecticks taken ʒj at a time, and outwardly cures Burns, Scalds, and Fistula's. The Oyl perfectly cures the Falling-Sickness, gut. x. being given thirty days together, beginning at the new Moon, and so continuing, and afterwards gut. xx. once every new Moon for a year: It also cures, as *Beguinus* saith, Palsies, Apoplexies, and ulcerated Lungs, and is a great Cordial.

19. *Balsamum Arthriticum*, Balsam against the Gout.

℞. Mans blood, and putrifie it ten days, then distil from sand by degrees, first with a small fire, after with a stronger in a glass Retort, so have you a red fetid Oyl, with a Volatile Salt sticking in the Neck: rectifying the Oyl with Colcothar in sand, repeat it often with fresh Colcothar, in which dissolve the Volatile Salt. After this manner you may make a Balsam of the Blood of all other Animals.

It is of a strange force in the Gout (from whence it has its name) anointing with it thrice a day for 7 or 8 days together, it takes away the pain and redness, and makes the Tumor vanish.

20. *Spiritus Antepilepticus Sanguinis humani*, Antepileptick Spirit of Mans Blood.

℞. Of the deslegmated and double rectified Spirit of mans blood, Essence of Lavender-Flowers, ana ℥j. distil in B. M. to the half; do it

O twice

twice, to which add spirit of Wine ʒj, mix them.

Given in Angelica-water or with Tincture of Peony Flowers, it cures Asthma's, Apoplexies, Palsies and the falling Sickness. *Beguinus* has a Philtron made of Man's Blood, a Quintessence, and two other Secrets, which you may find in him.

II. From a Dead Body.

21. *Mumia*, Arabian Mummy. It dissolves congealed and coagulated Blood, provokes the Terms, expels wind out of both Bowels and Veins, helps Coughs, and is a great Vulnerary: It is also said to purge, being given to the quantity of ʒj. in any convenient Vehiculum.

Mummy is five-fold: 1. *Fæctitious Pissasphaltum*, made of Bitumen and Pitch. 2. *Flesh of a Carcase* dried by the Sun, in the Country of the *Hammonians* between *Cyrene* and *Alexandria*, being Passengers buried in the Quick-sands. 3. *Egyptian*, a Liquor sweating from Carcasses embalmed with *Pissasphaltum*. 4. *Arabian*, a Liquor which sweats from Carcasses embalmed with *Myrrh*, *Aloes*, and *Balsam*. 5. *Artificial*, which is Modern. Of all which the two last are the best, but the *Arabian* is scarcely to be got; the second and third sorts are sold for it: the *Artificial* is thus made.

22. *Mumia Artificialis*, Artificial or Modern Mummy, according to *Crollius*.

Take the Carcase of a young man (some say red hair'd) not dying of a Disease, but killed; let it lie 24 hours in clear water in the Air: cut

the flesh in pieces, to which add Powder of *Myrrh*, and a little *Aloes*: imbibe it 24 hours in the spirit of Wine and Turpentine, take it out, hang it up twelve hours; imbibe it again 24 hours in fresh spirit, then hang up the pieces in a dry air, and a shadowy place, so will they dry, and not stink.

23. Tinctura Mumie, Tincture or Extract of Mummy.

By Arabian or Egyptian Mummy, extract it with spirit of Wine or Turpentine, and separate to the consistence of Honey, so have you *Quercetan's Extracl*. But *Crollius* advises to take the Artificial Mummy, and make an Extract in spirit in Wine or Elder only.

It is a counter-poyson, prevents the Plague, and resists all manner of Infection being taken only to ʒj. and cure being taken to ʒi or ʒiſs: It has all the Virtues of Mummy, at Sect. 21. Of this *Crollius* makes a Treacle thus. Be of this Tincture ℥ss. Venice Treacle ʒiiij. salt of Pearl and Coral, ana ʒii. Terra Sigillata ʒij. Musk ʒj. mix and digest them in a gentle heat for a month.

24. Elixir Mumie, Elixir of Mummy.

By Artificial Mummy cut small, to which put spirit of Turpentine, putrifie it forty days in a Vessel close luted, strain it, and put it into a Bladder with S.V. digest, and in an Alembick in sand draw off the Quintessence with the spirit, which separate; the Feces reverberate, and sublime to a salt, which unite with the separated Quintessence by circulation: then digest this Quintessence with Treacle and Musk to an Elixir.

It has all the virtues of the Tincture

ure, besides which this is more speedy in the cure of the Plague.

25. *Balsamum Mumie*, Balsam of Mummy.

Be Artificial Mummy cut small, digest it forty days with Oyl Olive in a luted Vessel: put it in a glass body, and in B. M. let the fetid ent exhale, till the Mummy is dissolved, digest it twenty days or more with S. V. which separate, and you have a sweet-scented red Oyl. This Oyl is exalted by digestion with S. V. and drawing it off four or five times. Where note, that Quercetan uses fresh flesh instead of Artificial Mummy.

This Balsam, Quercetan says, has all the properties of the natural Balsam of Syria, and the Vertues of the Tincture and Elixir of Mummy: and being exalted, it has such a piercing quality, that it pierceth all parts, restores wasted Limbs, Consumptions, Hecticks, and cures all Ulcers and Corruptions, if gr. iiii, v, or vj be given twice every day in a proper Vehicle.

26. *Aqua Divina*, Divine water. Take the whole carcase of a man violently killed, with the Intrails, cut it in pieces, and mix them; distill it from a Retort twice or thrice.

It is reputed to have a Magnetic power: if to 3j. of this water you put a few drops of the Blood of a sick Person, and set them on the fire, and they mix, the sick recovers; if not, the sick dies: for want of Blood, take the Urine in a larger quantity.

27. *Adeps*. Grease or Fat. It is emollient, discutient, anodyne, and cosmetick; it is said to fill up the pits, after the Small Pox;

mixt with the Spirit of Vitriol, it becomes a clammy Liniment, which pierces much, and is useful against the Gout, contracted Sinews, and driness of the parts.

28. *Ossa humana*, Man's Bones. They stop fluxes of the Belly, of Rheums, of the Terms, astringe, being often mixt with Arthritic Purges: they are taken, either levigated into fine powder with water, or calcin'd in a Potters Furnace to Ashes. By a Retort you may distil an Oyl from them, which is very Anodyne and Discutient, and eases pains of the Gout: their Marrow is of excellent use to cure contracted Sinews and Members.

29. *Cranium*, the Skull. It is a Specifick in the Cure of most Diseases of the Head, but chiefly the Falling Sicknes; you may give it either levigated on a Marble, or calcin'd, or some of the following preparations thereof: the Triangular Bone in the Temples is the most Specifical against the Epileptic.

30. *Magisterium Cranii humani*, Magistery of Man's Skull.

Dissolve it in the Spirit of Vitriol, and then precipitate.

Dose is from gr. xv. to 3ss. in any convenient Vehicle.

31. *Galreda Paracelsi*, Paracelsus his extract of Mans Skull.

Digest filings of a Skull with S. V. and Sage 15 or 20 days; distil by a Retort, and digest 15 days more; then cohobate thrice, after circulate seven days, and separate the S. V. in Balneo Mariæ, keeping the coagulated Essence for use.

Give every day in a convenient Vehicle six or seven grains; but

Q 2 in

in abstracting of the S. V. It is much to be questioned, whether it does not carry away with it much of the finer Spirit of the Skull.

32. *Tinctura Cranii Quercetani*, Quercetans Tincture of Skulls.

Digest filings of skulls with juniper or Sage, four or five Inches above, in a Bolt-head well luted, with a gentle heat for fifteen days; then strain it out with a press, so have you a red Liquor; strain it again, and abstract in Balneo Vaporis to the consistency of Honey.

This is an excellent thing against the Falling Sickness, and Fits of the Mother: Give ʒss ad ʒj.

33. *Aqua & Oleum Cranii humani*, Water and Oyl of Man's Skull:

Distil Skulls (grossly beaten) in a Retort, so have you Liquor, Oyl, and Volatile salt: the Oyl you may rectifie with S.V. by often cobobating.

It is one of the most powerful things against the Falling Sickness, and suffocation of the Womb: that is, you may give ʒ gut. iiii. ad x. of the Oyl, mixt with Sugar, and its own Water, as a Vehiculum.

34. *Sal Cranii humani*, Salt of Mans Skull.

B. The Skull and calcine it; or reverberate the Caput Mortuum of the former, dissolve in water, filterate, coagulate, and purifie it, as you do that of Tartar.

It is a perfect cure for the Falling Sickness, Vertigo, Lethargy, Numbness, and all Head-Diseases. Dose in Peony-water or other convenient Vehicle, ʒss ad ʒss.

35. *Essentia Cranii humani*, Essence of Man's Skull.

It is made of Water, Oyl, Volatile salt, and fixt salt, dissolved and mixt together, and digested 40 days in sand.

Brendelius says, it is prevalent against the Falling Sickness, beyond all other things whatsoever.

36. *Spiritus Cerebri humani*, Spirit of Mans Brains.

B. The brain of a young man slain with all its Membranes, Arteries, Veins and Nerves, with all the spinal Marrow, beat them, and add Essence of Tile-flowers, Peony, Betony, black Cherries, Lavender, Rosemary, Lilly of the Vally, Cowslip, Sage, Mesleto, ana, so much as to be four inches above; digest a while then distil in B. M. add Sack a fourth part, distil and cobobate three times; make a salt of the feces calcin'd, which joyn the to spirit.

It is a noble Antepileprick, and may be given ʒj ad ʒiiij.

37. *Oleum Cerebri humani*, Oyl of Mans brains.

Macerate the Brains with common salt, and distil by a glass Retort in sand, so have you Oyl with a link water; which you may separate, and rectifie the Oyl with S. V. by often cobobating. Where note, That the whole substance of the brain will nearly turn into Oyl.

It has the Vertues of the former: you may give to ʒss, or more.

38. *Fel humanum*, Mans Gall. An Extract of it with S.V. drop into the Ear, cures deafness.

39. *Cor hominis*, The Heart. The Powder of it drunk cures the Epilepsie.

C A P. II. *Of BEASTS.*

Agnus, Hebr. כֶּבֶשׂ, *Kebes*,
Ἀμνός, ἀρνίον, *The Lamb.*

1. *Rhais laith*, That the marrow of
the bones, with Oyl of Nuts and
white Sugar, dissolveth the Stone
in the Bladder, and help pissing
Blood. 2. *The ashes of the bone*,
dry and consolidate Sores and
Ulcers, hard to be healed. 3. *The*
ashes of the Lungs help Kibes
4. *The Runner* is good against Poi-
son and the bitings of venomous
Beast. 5. *The Gall* mixt with
Hony and taken, helps the Fal-
ling Sicknefs. 6. *Gelly made of*
the Feet, cures Consumptions,
weaknefs of the Back, and Flux-
es, being taken forty days. 7. *The*
Dung before they eat grafs, abates
the swelling of the *Uvula* and
Jaws. 8. *The Greafe* with Gelly
of Vipers, helps St. Anthony's fire.
They know the voice of their
Dams though amongst a thousand
Sheep. 9. *The flesh* is of large
and good nourishment, and easie
of digestion.

2. *Alces*, Ἀλκη, The Elk. It is a great Beast almost like a Deer, but near as big as a Horse, fearful, and subject to the Epilepsie.

1. *The Horns* are Astringent and Antepileptick. 2. *The Nerves* are good against the Cramp, being worn like a Girdle or Ring about the griev'd part. 3. *The Hoof* is a specifick Remedy against Elilepsies, and the suffocation of the Womb. Outwardly, you may put it in a Ring, to be worn on the Ring-finger, so as it may touch the skin; or a piece of the Hoof may be hung about the Neck, or hung in the left Ear.

Inwardly you may give the scrappings from 3fs to 3j, mixt with a like quantity of Zedaway. Or the Magistery thereof made with Vinegar or Spirit of Vitriol, and precipitated with Oyl of Tartar, may be given to half a dram. 4. *Spiricus Cerebri Alcis.* B. The brains of one newly killed, with the Marrow of the back, to which add Essence of Peony, Lavender, Rosemary, Sage, Canary-wine, so much as to be six inches above; malax all well together, digest 24 hours, then distill in B. M. cohabit three times: at last add the salt of the Feces, and keep it for use: it is a famous Antepileptick; Dose ʒj. In chusing of the Hoof, take those which come from the Male that is ripe, and begins to be lecherous, which is from March to September, and especially the Hoofs of the hinder feet, which may be known by their scent, being pleasant when they are burnt. Schroder saith, that he saw in Finland an Elk seventeen hands high.

3. *Aper's*, Απρ ⑤, 217, *Dob*, The Boar, or wild Boar. 1. *The Fat or Grease* is used in the Weapon-salve : it cures pains of the sides, and mollifies : drunk in Vinegar it stops bleeding, and is good against Convulsions and Ruptures. 2. *The Stones and Pizzle* dried and given in Powder ʒj. at a time, helps weakness of the Genitals, and Barrenness. 3. *The Gall* anointed upon Gouts and Struma's dissolves them, and disscueth Bitches. 4. *The Jaws* calcin'd, helps Phagedens and Fractures. 5. *The Liver* in Powder, drunk in

Canary is good against the biting of Serpents, Lethargy, and drowsiness. 6. *The Bones* calcin'd and drunk in Beer, help difficulty of Urine. 7. *The Hoof* calcin'd and drunk, help pissing of Blood. 8. *The Dung* dried and drunk, stops spitting of blood, bloody Flux, old pains of the sides, Ruptures, and Convulsions: Outwardly applied it stops bleeding, heals wounds, helps Cramps, Bruises, Hemorrhage, fills and cleanses Ulcers, (except in the Legs) the ashes of the Dung drunk in Rhenish wine, cures the Sciatica. 9. *The Urine* drunk in Oxy-mel or mulled Vinegar, helps the Epilepsie and Palsie, and is a Specifick to dissolve and expel the Stone in the Bladder: and being dropt into the Ears helps the pain and deafness of them. 10. *The Bladder* in Powder, helps the Stranguria, and the pain of the Bladder in Man. 11. *The Boars Tusk* cures Pleurisy, Quinsies, Coughs and Asthma's, being given ʒi. at a time, either in Powder or Magistery; which is made by dissolving of it in distilled Vinegar, then precipitated with Spirit of Vitriol or Oyl of Tartar: but because the Tusk is very mucilaginous, and congeals in the bottom being prepared, 'twill be good first to calcine it. 12. *The Blood* distilled with Baum, Sage and Parslane, makes a Spirit of great force against Consumptions.

4. *Aries*, *Κεας*, *Ἰν*, *Ajil*, The Ram. 1. *The Brain*, fried, and a Cake made of it with Sheep-suet, Cinnamon and Nutmeg, is good against the Lethargy, Carus, and other drowsie Diseases; chiefly such as are Epidemical: The

Brain mixed with Honey, and anointed on the Gums, causes Children to breed their Teeth easily. 2. *The Bladder*. Its ashes given in red wine, or some Astringent decoction, cures Pissabeds. 3. *The Skin, Head and Feet*, boyled in water well, and used as a Bath, helps *Atrophias* and Contraction of the parts: inwardly drunk, it stops inward bleedings, and a Diarrhoea. 4. *The Horns and Hair*, either of them used in a fume, cleanse the Air, dissipates pestilential venom, and is good in Epileptick Fits, their Ashes stop bleeding at nose, or in any other place. 5. *The Gall* is good against dimness of sight, and other diseases of the Eyes. 6. *The Cawl*, laid whilst hot upon the bowels, cures the Cholick. 7. *The Suet*, melted and mixed with hot red Wine, and given in a Clyster, cures a Diarrhoea, Dysentery, &c. 8. *The Dung*, beaten with Parsly and applied, is good against the Jaundice, Swoln Spleen, hard Tumors, Warts, Corns, Burnings: Inwardly it is given ʒss. ad ʒj. for the Spleen, &c.

5. *Asinus*, *Ον*, *Ἰ*, *καλλος*, Hebr. *חמר*, Chomer, *אטון*, Aton, The Ass. The wild is called *Onager*. It is an heavy, dull, melancholy (but strong) Beast, living to be about thirty years of Age, and bringing forth its young in 12 Months. 1. *The Milk* is Alexipharmick, nourishes and cleanses: it helps in Consumptions, diseases of the Stomach and Lungs, Imposthumes and Exulcerations of the Reins, stone in the Bladder, and Gout; it loosens the Belly, provokes Urine and the Terms. Outwardly, it is Cosmetick, softens the Gums, and

and eases Arthritic pains : give inwardly from half a Pint to a Pint. 2. *The Urine*. It is a Specifick in Diseases of the Reins, Warts, callous Ulcers, Palfies, Numbness, Gout, Scabs, Itch, Scurf, Leprosie, withered Members, and breaks the Stone in the Bladder ; for the external uses make this following Unguent.

R. Asses Urine, Ashes of the Hoof of a she-As, ana ziiiij, Asses Grease, ziiij, Indian Spike to scent it zls, make an Oyntment by boyling to the consumption of the Urine.

6. *Bos, Vacca, Bcs, בקר, Bokar, An Ox or Cow.* 1. *The Flesh*. It is nourishing ; a strong and clear Broth of it (which when cold is thick like Gelly) restores in Consumptions. 2. *The Horns*. The Powder of them is good against the Falling Sicknes ; the Fume against pestilential Air ; the Ashes mixt with Honey are good against the Cough and Phricick. 3. *The Hoof*. It has the former Vertues, besides which the Ashes encrease Milk, and applied with water discufs hard swellings. 4. *The Blood*. It stops and heals all manner of Fluxes, stops spitting of blood, and with Tallow mollifies hard Swellings, and takes away freckles : Of it you may make the same preparations as from Man's Blood. *Water of Oxes Blood*. Let it be made in May, it cures the pains of the Gout. 5. *The Spleen*. The Broth of it cures hard Spleens, and provokes the Terms ; applied with Honey it helps running Ulcers. Extract of the Spleen. *R. An Ox Spleen cut very thin, which digest ten days or more in S. V. impregnated with Essence of Myrrh, take it out and dry*

it in an Oven ; then draw out the Essence with S. V. to which add a few drops of the Oyl of Angelica. It opens obstructions of the Spleen, takes away pain and hardness of it, and provokes the Terms. Dose 9j. ad zls. in a convenient Vehicle. 6. *The Liver*. It strengthens the Liver to man ; you may make an extract of it as of the Spleen. It cures the bloody Flix, so also the Ashes. 7. *The Gall*. It cures pain and noise in the Ears, mixt with Breast Milk and dropt in, stopping them with Cotten dipt in the same. It is Anodyne, helps Ulcers and an Erysipelas, draws Splinters out of the Flesh ; and mixt with Vinegar it helps Fistula's : mixt with Myrrh and Alom (to the thickness of Honey) it cures Ulcers in the Yard, and discuffs Botches and Imposthumes ; mixt with Nitre it takes away Scurf and Morpew ; mixt with breast-milk it makes an excellent Collyrie against the Haw or Pearl in the Eye. *Rasis* saith, That snuff up, it helps the Epilepsie. *Marcellus* saith, That mixt with Goats Urine (a sheeps may serve) it helps the loss of hearing. *Hippocrates* saith, It causes Conception in Women. Applied it helps the Piles, and that malignant eating Ulcer, call'd *Lupus*, the Wolf, especially if mixt with Aloes and juyce of Celandine. *Hartman's* Tincture of an Ox Gall. It is extracted with S. V. from Bulls Galls dried in the Sun. This Tincture is a great Cosmetick, and produces a delicate whiteness, even to a miracle, if it be laid on 4, 5, or 6 days (or a week at farthest) keeping the Air all the while from the skin, then washing it off with Bean-flow-

er water. *The Urine.* It is good to heal Ulcers in the Mouth and Throat, Burnings and Scaldings; drop into the Ears with Myrrh, helps pains in them, and bathed upon the Stomach, helps coldness thereof. 9. *The Dung.* It is of a cleansing faculty, temperate in quality, and a great Anodyne, and used by a very good Lady, successfully, against the Gout, and the cure of all other Diseases. The reason is apparent from the parts of which it is composed; being digested by an exact natural (Animal) heat. *Tinctura sterc. Bovis.* Tincture of Cows-dung. *R. New Cow-dung* lb iii. *Spring-water* lb ix. digest 24 hours; and being settled, decant the clear water. It is good against all Diseases, an excellent Pectoral, and Traumatick, especially good against Fevers, Cholick, Gout, Coughs, Cold, Asthma's, desfluxions of Rheums, Phthisick, Consumptions, and other Diseases of like kind. Dose ziiij. ad vj. Extract of Cow-dung. *R. New Cow-dung* lb iij. *Strong Livivium of Quicklime* lb ix. Digest a day and night, decant, and keep it for use: It has all the Vertues of the former, besides which it has a much greater power to sweeten the blood, take away acidities, and cure the Scurvy; insomuch that scarce any Disease is able to stand before it being continually used as a Diet: Dose a ziiij. ad v. in a glass of fair water sweetned with Sugar. *Hedychrum.* The Perfume of Cow-dung: It is made of the fresh Dung, gathered in May, June, and July, and distilled in B. M. with a gentle heat, you will have a Water and an Oyl. It is cooling, discussive, carminative, good against the Cholick, Stone,

Strangurie, Jaundice, and all burning Fevers: Outwardly, it is good against Aches, Pains, Gouts, and Cancers: It is an excellent Perfume. The Salt of the Dung is excellent against the Dropsie, the Oyl of the Salt per deliquium is powerful against the Gout. 10. *The Bones.* The powder of them is good against Catarrhs and Gouts: the Salt more powerful: the Salt of the Skull is good against the Epilepsie. 11. *The Fat.* It is used in Balsams and Emplasters, softens the Nerves, and heals Ulcers, and clefts or choppings of the Fundament and Hands. The distilled Oyl thereof is powerful against the Gout, Palsie, Numbness, and Contractions of the Nerves. 12. *The Marrow.* It is generally used in Balsams, helps contracted Sinews, cures Tremblings, Palsies, and the like. Boyled with milk and drunk, it cures a Dysentery. 13. *The Pizzle.* If it be from a red Bull (another for ought I know may serve) the Powder of it heals the Dysentery. The ashes of the Spermatick Vessels and Stones, stop bleeding: and *Forestus* says, It is the remedy the Jews use after Circumcision. 14. *The Milk.* It is very nourishing; good against Pain and Ulcers in the Stomach, Lungs, Kidneys and Bladder: It cures the Diarrhea, Dysenteria, Lienteria, Tenesmus and other Corrosions of the Intestines; and being long and largely taken every day, it certainly cures Consumptions. 15. *The Cream or Butter.* It has all the Vertues of the Marrow, is very Pectoral; and put into the Eyes (being fresh) it clears them. 16. *The Cheese.* It stops Fluxes,

Fluxes, and is very astringent: It strengthens the Stomach, and (whilst fresh or soft) helps pains of the Gout being applied. 17. *The Whey*. Drunk with Honey and Salt it loosens the Belly, so also if clarified with Sage and Rosemary ana, and drunk: the latter of which is excellent against the French Disease. It attenuates and cleanses much, and is good for such as are Choleric, Melancholick, Epileptic, Scabby, Leprous, or have an Elephantiasis.

7. *Bubalus, Buffalus*, Βεβαλον, יחמור, *Jachmur*. The Bugil. It is a black Creature almost like an Ox, but greater, and much fiercer. 1. *The Flesh* is not so good as Beef, yet nourishes. 2. *The Horns*, worn in a Ring, they help the Cramp. 3. *The Liver*. An Extract made of it, as of an Ox Spleen, is stronger, and more effectual than that, but given in the same Dose. It is a kind of wild Ox, and therefore the Vertues of the other parts you may seek out of the foregoing.

8. *Bufo, Rana Venenata*, Μύξ, צב, *Traba* Toad. Schroder saith, That there is such a great antipathy between a Toad and a Spider, that if a Spider be put upon a Toad, it will burst the Toad violently. They are hung up by the neck in the Air, till they are through dry, and then kept for use. *Wierus* saith, That the Powder of a dry'd Toad, taken ʒss. at a time, or more, cures almost incurable Dropsies, carrying away the water by Urine: I suppose the ashes of them burnt is better. A dried Toad steeped in Vinegar, and the belly of it laid to a Carbuncle, draws out the

Poyson; smelt to, it stops bleeding at Nose, especially laid to the Forehead, or behind the Ears, or held in the hand till it is hot, or hung about the Neck. The Ashes or Powder do the same, laid upon the part that bleeds. Laid to the Reins, it cures the Dropsie; to the Navil, Fits of the Mother: Laid to the Soles of the feet, it helps distempers of the Head and Heart, and cools the heat of Fevers. The Ashes hung about the Neck (as an Amulet) cures pissing a bed, or the not holding of the Water.

9. *Camelus*, Κάμηλον, גמל, *Gamal*, A Camel. 1. *The Flesh* provokes Urine. 2. *The Blood* dried, helps the Dysenteria, and other long Fluxes of the Belly; drunk after a great Flux of the Terms, it cautech Conception. It also is good against the Epilepsie. 3. *The Brain* dried and drunk in Vinegar, cures Diseases of the Brain.

4. *The Gall* drunk in Honey helps the Falling Sickness and Quinsy: with Honey and Saffron applied, it cureth excrescencies. 5. *The Hair* of the Tail twisted together and worn as an Amulet, cures Quartans. 6. *The Milk* cures Asthma's, shortness of Breath, Ulcers of the Lungs, and Consumptions, it opens obstructions, by reason of its thinness and vehement heat: strengthens the Liver, helps the Dropsie, and is good against hardness of the Spleen, being indeed the best of all Milk. It is an Antidote against Poyson, and loosens the Belly. 7. *The Dung*, calcin'd to ashes, and taken ʒj. at a time, helps the Epilepsie; the Dung it self applied, is good against the Scrophula, stops bleed-

bleeding at Nose, resolves Tumors, and hinders the marks of the Small Pox. 8. *The Urine* is good against running Ulcers, Dandriff, and Morpew: It helps the Dropfie, and snuff up the Nostrils restores the smelling lost. Of this it is thought that most *Sal Armoniack* is made. It is a Creature that will live an hundred years, is docible, loves Musick, bashful, revengeful, yet compassionate; the Hoof is divided, Back knobbed, Tail like to an Ass, and Tears like to a Cow; they engender backwards a whole day together, and go with their young a whole year; it is a kind of *Dromedary*.

10. *Canis*, קלוב, קלוב, Keleb, A Dog or Bitch. 1. *The Liver*, (especially of a mad Dog) made into Powder and druck, cures the biting of a mad Dog. 2. *The skin worn* helps contractions of the Nerves. 3. *The fat* is good against the Palsie and the Gout. It is hotter than other grease, and is used inwardly against Wounds and Ulcers. It dissolves congealed blood in bruises; and is good against Consumptions, Deafness, Scalds, and Itch. 4. *The Blood* is good against Poyson, as *Discozides* saith, and the biting of a Dog, drunk, it helps the Trembling. 5. *The Marrow* mixed, with old Wine and applied, helps the swelling of the Fundament, the Palsie and Gout, as also Deafness. 6. *The Hair* burnt to Ashes stops bleeding. 7. *The Brain* of a Weasel cures the *Glaucoma* in a Week; applied with herbs and a linnen cloth, it consolidates broken Bones in fourteen days. 8. *The whole Head*

burnt to ashes, takes away excrescences, eroding and curing them; dries up Ulcers, Cancers, and the Piles, and inwardly cures the Stone. 9. *The Gall* mixt with Honey helps dimness of sight and spots in the Eyes; and *Marcellus* saith, The same dropt into the Ears warm and stopt in, is excellent; though a Cancer be there. *Schroder* saith, The Gall of a black Puppy mixt with Vinegar, or given in powder, cures the Epilepsie to a wonder. It is used by Magicians in the way of an Amulet. Bat applied is excellent against the Gout. 10. *The Spleen* drunk in Rhenish Wine is good against the Spleen. 11. *The Milk* dropt into the Eyes helps spots there, and into the Ears the pains of them. 12. *The Urine* is a *Psilotron*, cures Warts, Ulcers in the Head, and Scurf. With Nitre it helps (as *Discozides* saith) the Leprosie and Itch, as also the Jaundice. 13. *The Teeth*, calcin'd, and applied with Honey to their Gums, make Children breed their Teeth easily; the same in a Gargarism eases the Tooth-ach, and helps the Jaundice. 14. *The Secundine* brings forth the Birth, and causeth easie delivery. 15. *The Genitals* of a Dog are used as an Amulet by Magicians to provoke Lust. 16. *Albin Gracum*, the Dung that is white, is drying and cleansing, discoules, opens, and breaks Impostumes, cleanses Ulcers; and helps the Dysentery and Cholick; blown into the Throat it cures Quinsies; anointed on the Belly, drives away Dropfies; and the Ashes mixt with Oyl of Roses, cure Warts. 17. *Balsamum Catularum Compositum*. Let the whole
Whelp

Whelp be drowned in Rhenish or Sherry Wine, then beaten in a Mortar, and with *Galbanum*, *Ammoniachum*, *Tacamahac*, *Olibanum*, *Turpentine ana*, and Oyl Olive, be boyled in the Wine to a Balsam; strain, and keep it for use. It cures contracted Sinews, Nodes, Wounds, Ulcers, and pains of the Gout.

11. *Caper*, *Capra*, *Hircus*, "Aix, דא עז קקד *dakab*, A Goat. 1. *The Flesh* digests not so easily as Beef or Mutton, but the Kids flesh is exceeding good; they both nourish much. 2. *The Milk* is cleansing, nourishes much, is good in Consumptions and Hecticks, and strengthens the Stomach, but is nothing near so far as Cows Milk; taken with Honey it is best. 3. *The Hair* burnt, stops bleeding at Nose, all Fluxes, the Lethargy, and fits of the Mother. The Ashes drunk with Mead or Rhenish Wine helps the Strangury, and expels the Stone. 4. *The Horns*. The same of them (burnt) are good against Epilepsies, so the Ashes and Salt. 5. *The Blood*. Drunk it resists Poyson; being dried and drunk it stops Fluxes, and breaks the Stone: you may make a Spirit, Oyl, and Salt of it, for the same uses, as also a Tincture. You may make an effectual Balsam of it (as of Goats Blood) against all manner of Gout-pains, and contractions of the Sinews. 6. *The Fat or Suet*. It is astringent, and heals a *Dysenteria* and Strangury: it cures Gouts, and helps the Piles in a Suppofitory. 7. *The Marrow* is accounted the strongest of all Marrows; dissolved into an Oyl, and mixt with Oyl of Amber, it

cures Deafness. 8. *The Gall* made into a Cataplasm with Bread, white of an Egg, and Oyl, and laid to the Belly, it cures Quotidians; dropt into the Eyes, it clears the sight, especially mixt with a little Breast-milk. The Gall used three days (the hair being pulled up) is a *Psilothron*: With burnt Alom it helps Scabs, Leprosie, and Botches; with Honey and Vinegar, Scurf; mixt with Honey and dropt into the Ears, helps them although cancerated, as also Deafness, and is of great force against a *Struma*, and all Ulcers. 9. *The Spleen* drunk it helps the *Tormina*. 10. *The Bladder* calcin'd and drunk helps pissing a bed, and is a Specifick for not holding of Urine. 11. *The Secandine* drunk in Wine expels the After-birth. 12. *The Liver* in an Extract is good against the Epilepsie and Convulsion. 13. *The Skin* boyled is glutinous, and stops a *Diarrhoea*. 14. *The Dung*. It is of an opening, drying, cleansing and digesting faculty, not much inferior to Cow-Dung: It opens obstructions of the Spleen, cures the Jaundice, stoppage of the Terms, Cholick, &c. Outwardly; with Vinegar, Honey, or Oyl, it ripens Buboos, hard Tumors, helps a Schirrus of the Spleen and other parts, swellings behind the Ears, the bitings of Serpents, Mad Dogs; discusses Wens; helps Laxations and weeping Ulcers, Bruises, Cancers, Carbuncles, shrinking of the Sinews, Head-ach, Sciatica, &c. The Ashes are also good to the aforesaid intentions; and mixt with Honey help the *Alepecia*. 15. *The Urine*. Dropt in-
to

to the Ears it helps pains and deafness: mixed with the Dung, it dissolves Apostumes; drunk with Honey it helps the Dropsie, breaks the Stone, and expels Urine and the Terms.

12. *Capra Alpina*, *Rupicapra*, *Αἰγας* ♂, *Ῥυπακκ*, *Ῥυ*, *Zemer*, The wild Goat, or Rock Goat. 1. The Blood cures the Megrin, Vertigo, and breaks the Stone. 2. The Fat cures Ulcers in the Lungs and Consumptions. 3. The Gall cures Deafness and Blindness. 4. The Liver in Powder stops a Dysentery. 5. The Dung breaks and expels the Stone. 6. The Urine breaks the Stone, and provokes Urine and the Terms. 7. The Stone in the *Maw*. It is almost like Bezoar, but not so big; is black and sweet scented when broken: It cures Fevers; Poysons, and Plagues, used as Bezoar. Dose a gr. xv. ad ʒj. or ʒss. All the parts of the Wild Goat have all the Vertues (and more powerful too) of the same parts of the Tame.

13. *Capreolus*, *Capreus*, *Δορυς*, *Ῥα*, *Izeby*, The Roe-Buck. It is a fearful, but swift, chearful Creature, seeing as well by night as by day, like a Deer, with small Horns, but the Female has none. 1. The Flesh. It is wholesome, good against Epilepsies and Fluxes of the Bowels. 2. The Liver in powder, dropt into the Eyes, or drunk, quickens the sight. The ashes blown into the Nose stop bleeding. 3. The Gall mixt with meal of Lupins and Honey, it takes off freckles (a tincture of the dried Gall is better) dropt into the Ears, it helps the noise, Deafness, and Tooth-ach: with

Milk and Honey, it helps dimness of sight, as also takes away the Pin and Web. 4. The Spleen drunk in powder or an Extract, cures the *Tormina*, and Iliack Passion. 5. The Dung in fine powder taken about ʒij. at a time in a fragrant Wine fasting, cures the Jaundice and all sorts of Fevers: you may make an Extract of it for the same purpose.

14. *Capricerua Orientalis* & *Occidentalis*, *Capra Indica* *Ῥα*, *Pa-zon*, The Dear-Goat. They are both in the East and West Indies: That from *Persia* and the *East Indies* yields the Oriental Bezoar, being partly like a Deer, partly like a Goat. That of *Peru* is like the former, but without horns, yielding the Occidental Bezoar. 1. The Flesh is eaten by the Indians. The hair is fine and soft like silk. 3. Bezoar-stone, It is found in the Stomach, or Cavities adjacent to the Breast, of an Oval form, or round, hollow within, (the Oriental having chaff, hair, sticks, grains, filth, or the like, in its Capacity, the Occidental not) shining and smooth without, having a Coat folded like an Onion, of a various colour, but generally of a blackish green, pale, ash-colour, or honey-colour, without scent, and being bigger or less than a Walnut. The Occidental is rough without, whitish, ash-coloured, black, or blackish green, and generally bigger than the former. They are adulterated with Pitch, dried Blood, Stones powdered fine, ashes of Shells, Antimony, Cinnabar, Mercury, mixt with small Bezoar-stones exquisitely pulverized, and made up with a proper mucilage. Where

Where note, that if in shape it is not like a Pidgeons Egg, is of an uneven surface nothing shining, is heavy, without hollownes, or its capacity is filled with dust; or if being moistned, or rub'd on a Lime wall or Chalk, and it makes it not green, or toucht with quicklime and water, and it turn not yellow, it is adulterated and naught. The *Persian* is best, then that of *Peru*, then that from *New Spain*. It is Cephalick, Cardiack, Sudorifick, Antisebrifick, and Alexipharmick. It is excellent in Vertigoes, Epilepsies, Megrimis, Melancholy, Quartans, Old Diseases, Measles, Small Pox, Plague, Poysons, Worms, all sorts of Fevers, Faintings, Palpitation of Heart, Jaundice, Cholick, Stone, stoppage of the Terms, giving also easie Labour to Women in Travel. Outwardly it is excellent in Scald Heads, burns, scalds, ulcerated Cancers, Schrophula's. Dose of the *Oriental* à gr. iij. and xvj. or xx. Of the *Occidental* à gr. viij. ad xx. or 3ss. It is not so hot nor so dangerous as is imagined; a dram might be taken at a time, was it not more for doing the Purse hurt than the Body.

15. *Castor*, קסטור, *Albedmetzer*, The Otter or Beaver.

1. The Skin is said to be good against the Palsie and Gout, being worn. 2. The Gall exciteth Vebery. 3. The Fat or Grease comforts the Nerves and Womb; is good against Palsies, Numbness, Epilepsies and Convulsions. 4. The Stones. They are called *Castoreum*; being cut out, well cleansed, and dried, and kept in the shade, they will keep good seven years. *Castoreum* is hot in 3°. dry in 2°.

of wonderful force against Fits of the Mother, oppression of Wind, the Cholick, Vertigo, Megrim, Epilepsie, Palsie, Apoplexy, Trembling, Palpitation of the heart, Carus, Lethargy, Obstructions of the Head, Nerves, and Womb: It revives and quickens the Spirits, attenuates, opens, discusses, strengthens, resists Poyson, provokes Urine and the Terms: Put into the Ear, it cures Deafness and the Tooth-ach, especially if held in the mouth also. Applied with Honey it is a *Psithron*, the hairs being first pulled away. In Fits, applied to the Nose, or bind it under the Arm-hole, or to the Navil; or take the Oyl, Tincture, or Extract of it inwardly. It is adulterated by mixing with it *Ammoniacum* and *Castors blood* cast into a Bladder and dried; sometimes also the Kidneys are put into a Bladder and dried, and sold for it, but 'tis a Cheat: The true is of a strong unpleasant scent, brittle, bitter, and not black. *Oleum Castorei*. Dissolve *Castor* in Vinegar, Wine or S. V. then distil by a glass Retort, or you may distil it in *Oleum Philosophorum*: then rectifie with Vinegar. It has all the Vertues of *Castor*. *Tinctura Castorei*. It is drawn with rectified S. V. and has the former Vertues. *Extractum Castorei*. Digest the former Tincture a week; then abstrakt the S. V. in B.M. to a just consistency. Dose à gr. vj. ad x. or xij.

16. *Catus*, Felis, *Katzen*, *catagres*, *חמור*, *Catul*, *חמור* *Schamar*, The Cat. 1. The Flesh applied helps the Gout. 2. The Grease of a gilded Cat is Emollient, Discurative, and Anodyne, and softens hardened

hardened Nerves. 3. *The Head* of a black Cat (I suppose another may do) burnt to ashes, and they thrice a day blown into the Eyes, are a Remedy for all Diseases of the Eyes. 4. *The Liver* burnt to ashes and drunk, helps the Stone. 5. *The Brain* is Poysonous, causeth Madnes, Vertigo, Stupidity, and loss of Memory, obstructing the passages of the Animal Spirits; yet Schröder saith, That some eat them. 6. *The Dung* with Mustard and Vinegar cures the Gout and falling off of the Hair. *Sextus* saith, hung about the Neck with an Owls claw (as an Amulet) it cures Quarantans. 7. *The Gall* in a sponge-pessary, with Coloquintida-water, extracts the dead Child. 8. *The skin* worn upon the Stomach takes away pain thereof, and warms it; so also on the Joynts. 9. *The Blood*, three or four drops taken from the Vein under the tail of a Boar-Cat, being drunk in Water or Wine, cures the Epilepsie: and the Blood of the ear cures the Shingles.

17. *Catus Zibethinus, Felis Zibethi, Civetta, Civet-Cat.* The Civet is a concentered Juycce or Humor in a Bladder between the Cods, which being cur, you may take out the Civet. *Crollius* saith, that in an Oynment it is excellent against the Vertigo and Apoplexia, anointed on the Nostriils, Temples, and Crown. It is hot and moist, and Anodyne: applied to the Navil, or in a Pessary, it helps Fits of the Mother, Belly-ach, and Cholick: The smell cures the Epilepsie; put into the Ear, (being dissolved in a little Oyl of Amber) it cures pain and deafness.

In Wine it stupifies and makes drunk. It is adulterated with the Gall of a Bull, liquid Storax, and Honey.

18. *Cervus*, Έλαφος, λαφός, Αελαφός, HIN, Ejah. A Hart, Deer, or Buck. It is a Beast swift in motion, and living, some say, above a thousand years. 1. *The Flesh* nourishes almost like Beef, but breeds much more Melancholy Juycce. 2. *The Blood* dried, it stops Fluxes, the bloody Flix, helps pains of the side, Pleurifies, and resists Poyson. Balsamum Sanguinis Cervi. 3. *Deers blood*, putrifie it ten days; distil in sand gradually, first with a soft fire, then with a stronger in a Retort, so have you a red stinking Oyl, and a volatile salt sticking in the neck; rectifie the Oyl with Colcothar in sand, which often repeat with fresh Colcothar; in this rectified Oyl dissolve the Salt: where note, that you will do well to putrifie with the Blood the Lungs, Heart, and Liver; so will you have a Noble Balsam. This cures the Gout in a very wonderful manner, being used three or four times a day, for a week together, making the pain, redness, and tumor vanish: it also dissolves contracted Sinews by vertue of its Salt. 3. *The Stones* dried and drunk in Wine, they excite Lust. 4. *The Tears or Gum* in the corners of the eyes, like hard wax, dries, binds, is Sudorifick and Alexipharmick. 5. *The Marrow* It is the most excellent of all Marrows, performs what all others will do, and especially heals malignant Ulcers of the Legs. 6. *The Fat or Suet.* It is Emollient, Discutient, and Anodyne: It cures old Aches, Wounds, Ulcers, Kithes,

Etc. You may distil an Oyl from it by a glass Retort in Sand, mixing with the fat a half part of powder of Bricks. It is a great Emollient and Anodyne, and eases pains of the Gout, anointing twice or thrice a day. 7. The Bone of a Stags heart. It is Alexipharmick, and prevents Miscarriage. 8. The Stone in the Heart or Stomach. Cuius saith, It is as good as Bezcar: that taken from the Womb, makes Women go out their time. 9. The Pizzle powdered or made into a Gelly, and given in Wine, is good against the bitings of Serpents, provokes Urine, stirs up Lust, cures the bloody Flix and the Cholick: The Ashes help the Disury. 10. The Urine eases pains of the Stomach and Spleen; so also of the Ears, if drop into them. 11. The Dung in powder drunk ℥ij. at a time in Mead, helps the Dropsie. 12. The Tail. Bertrutius saith, That the extrem part thereof is venomous, and causeth a contraction in the Stomach and Bowels, fainting and death. 13. The Horns. They are Sudorifick, Alexipharmick, and Analeptick, Cephalick and Hysterick. 1. The burning of Harts-horn. The Colledge orders them to be calcin'd in a crucible till white, then beaten into powder, wash in Rose-water levigated upon a Marble, and made into Troches. In the last pound of Rose-water you may dissolve Camphire ℥ss, if you please. It has all the former Vertues, stops Fluxes, resists Poyson, provokes Sweat, kills Worms, and is a good thing for Children. Dose a si. ad si. 2. Magistery of Harts-horn. Dissolve rasped Harts-horn in Distilled Vinegar; precipitate with Oyl of

Tartar of Vitriol, wash and dry; you may also dissolve it with Spirit of Nitre or Aqua fortis, but 'twill be apt to flame; to prevent which, to the Solution put a quarter part water; filter, precipitate, and sweeten. If you precipitate with Alkalies, the Magistery will be yellow; but if with Acids, white. This has the former Vertues. 3. Gelly of Harts-horn. Take the shavings, boyl them in Spring Water till they are dissolved, filter, and then coagulate: If you make the water sharp with Oyl of Sulphur, 'twill dissolve the sooner. It restores Consumptions. 4. Liguor, Oyl and Volatile Salt of Harts-horn. They are drawn by a Luted Retort in a naked fire, so have you a sharp Liguor mixea with flegm (which is vulgarly called Spirit) Volatile Salt, and Oyl, which rectifie. These have all the Vertues of the Horn, besides which, there is scarcely any thing known more excellent against Fits of the Mother, Apoplexies, Convulsions, Epilepsies, and Palsies. Dose a gr. iiii. ad viij. or xii. 5. Fixed Salt of Harts-horn. It is done after the common way. It cures all sorts of fits. Some digest this Salt with rectified S. V. a Month, and then draw off a good part of the S. V. keeping the remainder. Dose a gr. vi. ad ℥ss. 6. Extract of Harts-horn. It is done by adding its proper water to the shavings, and then extracting the tincture by a convenient digestion. 7. Water of Harts-horn. B. Young Deers horns full of blood, cut them into small pieces, and then Distil them in the heat of a Bath, per se, or with a small mixture of Canary-wine, till all the Liguor be come forth. It is a very good thing against

gainst the Falling Sickness, Convulsions, and all sorts of burning and malignant Fevers. Dose one spoonfull either alone or with Piony-water, or in Rhenish-wine.

18. *Chameleon, Murilacertus, Χαμαιλέων, The Chameleon.* 1. *The Flesh*, it is purely white, and eaten for Food, and is a good thing against the Epilepsie. *Trallianus* makes an Oynment of it against the Gout. 2. *The Gall* helps the Cataract or Suffusion. 3. *The Liver* dissolves Love. 4. *The Dung* mixt with the Urine of an Ape, causes hatred. 5. *The Heart* wrapped up in shorn black wool, and worn, cures Quartans by way of Amulet. They change themselves into all colours they next set upon, except white and red.

20. *Crocodilus, Lacertus Palladii, Κροκόδειλος, Κοκχ, Koach, The Crocodile.* 1. *The Blood* clears the Eyes, and helps the stinging of Serpents. 2. *The Fat* Cures Old Ulcers, Cankers, and the shivering of Agues. 3. *The Skin* calcined, and mixt with Lees of Oyl, it is said to stupifie so much, that they cannot feel, though cut. They are of about twenty Cubits long, upper Jaw is moveable, and generates by resupination, bringing forth sixty Eggs, and their Young in sixty days.

21. *Cuniculus, Κύνικα, CUN, Scaphan, A Conic.* It is a fearful but fruitful Creature. 1. *The Flesh* nourishes more than that of the Hare. 2. *The Brain* is an Antidote against Poyson. 3. *The Fat* is emollient, and helps the hardness of the Joynts and Sinews; as also difficulty of Urine. 4. *The whole Conic*, (with like quantity of Costus) being burnt

alive, and the Ashes drunk in Wine, with a little Mace, helps the Quinsie and Inflammation of the Amygdala's and Jaws.

22. *Dama, Platyceros, Πεδέ, A Buck or Fallow Deer.* Its parts have the same Vertues with those of the Hart; which see, *Self. 18.* *foregoing.*

23. *Elephantus, Ελέφας, Πηχ, Behemah, The Elephant.* 1. *The Blood* mixt with the Ashes of a Weasel, helps the Elephantiasis, as also Fluxions and Rheumatisms. 2. *The Liver* helps the Falling Sickness. 3. *The Gall* helps the biting of Serpents and Epilepsie. 4. *The Dung* applied, kills Lice, and its fume drives away Gnats. 5. *The Teeth or Ivory.* It is cold and dry, binds, strengthens, stops whites, helps pain at the Stomach, Epilepsie, Melancholy and Poyson: You may take the Powder of it ad ʒj. or the infusion to ʒiij. Ivory being burnt is called *Spodium*, which is cold in 3°, dry in 2°. the best is the whitest, and what is light. It has all the vertues of Ivory, and is good against the Lethargy and Plague. Dose ʒj. in Mead or Honey'd water.

24. *Equus, Caballus, ἵππος, DIO Sus, A Horse or Mare.* 1. *The Blood.* *Pliny* saith, it Corrodes the Flesh by a seprick force, and therefore is used in Causticks, as *Schroder* affirms. That of a Colt drunk, helps the Jaundice. 2. *The Milk.* Mares Milk is most purging, is good against the Falling-Sickness, Consumptions, Coughs, and Asthma's. 3. *The Whey* gently purgeth. 4. *The Rennet* drunk in Wine, eases all pains helps the Dysentery, Iliack Passion, and biting of Serpents. 5. *The Teeth* which

which are first cast (as an Amulet) help Children to breed their Teeth and the Tooth-ach. 6. *A Horse-head* burnt to ashes, stops bleeding, and is good against the Epilepsie. 7. *The Hair* stops bleeding. 8. *The Callons of the Legs* in a fume is good against Fits of the Mother; given in powder, helps the Falling Sicknes and the Stone. Being dried you may make an Extract of it with S.V. which may be given a gut.v. ad x.v. lxiij. or you may mix that extract with Fer and Amber ana ziiss. and distil by a Retort in Ashes, making a strong fire at last, so have you Water and Oyl, which separate: keep the Water for the foresaid purposes. 9. *The Fat* in fume expels the dead birth and after-birth, cures Cramps and dislocated Joynts. 10. *The Spleen* being drunk, brings away also the dead Child. 11. *The Urine* drunk with steeled water, is good against the Epilepsie. 12. *The Water* coming out of the mouth of a Stone-Horse after drinking, will, as Hartman says, cure Barrenness if often drunk. 13. *The Hoof* by fume kills Lice, and expels the dead Child; the Spirit, Oyl, and Salt cures Fits, and the Falling-Sickness. The Ashes of the hoof mixt with a little Water and Oyl discusse Impostumes in any part of the Body, as also Wens. 14. *The Testicles* in powder excite Venerie, and expel the After-birth. 15. *The Stone in the Stomach or Guts* (as big as an Egg) is like both in shape and vertues to Western Bezoar. 16. *The Dung*, the powder or Juyc of it cures the Stone, Fits of the Mother, the Cholick, and expels the dead

Child and after-birth: Outwardly it stops Bleeding, is good against the biting of Mad Dogs, and helps Deafness.

25. *Erinaceus, Acanthion Galeni*, *E. jv* ♂, *TD* ♂, *Kipod*, A Hedgehog. 1. *The Flesh* roasted some commend as pleasant meat: the ashes of the Body burnt are Digestive and Attractive, strengthen the Stomach, and cure Dropsies and pissing a-bed, or the not holding of the water: they also waste excrescences, cleanse foul Ulcers, and help the Alopecia, mixt with Tar. 2. *The Fat* stops Fluxes and cures Ruptures. 3. *The Liver* or whole body, being dried and taken with Oximel or mull'd Vinegar, cures the Cachexia, Dropsie, Convulsions, Elephantiasis, Fluxes, and pain of the Reins. 4. *The Gall* is a Pilothon or Depilatory; so also if mixt with the Brain of a Bat and Goats-milk. 5. *The Spleen* with Vinegar of Squills, helps pain of the Spleen.

26. *Glis*, *Μυοξόδω*, *ελαι* ♂, *AKBAR*, The Dormouse. 1. *The body* burnt to ashes, mixt with Honey, and eaten every Morning, clears the Eye-sight; mixt with Oyl, they help burnings. The Body roasted with Oyl and Salt, helps the Peripneumonia and Empyema being eaten, and are a wonderful help for Ulcers in the Lungs. 2. *The Fat* dropt into the Ear, helps Deafness and pain. *Sexrus* saith, it helps the Palsie by Unction: applied to the soles of the feet, it causeth sleep. 3. *The Dung* drunk, it helps the Stone, and mixt with Vinegar, it helps the Alopecia. They will sleep a month or two all Winter, and can hardly

ly be revived till their just time.

27. *Gulb, Vultur quadrupes, Beophagos Crollii*, The Gullion. It is brought forth in Lithuania, Muscovia, and other Northern Regions. Their Skins are only in use, worn by Nobles and the greatest Princes in Germany. They are white spotted, and changeably interlaced by Art, so that it looks almost like Damask Cloathing.

28. *Hadus, בעלזר, גדי Gedi*, A Kid. 1. *The Flesh*, it nourishes next to Hogs-flesh, easily digests, and restores in Consumptions. 2. *The Blood* dried is, Alexipharmick; and drunk warm with Vinegar, helps spurring of Blood. 3. *The Rennet* helps the Dysenteria. 4. *The Hide* serves to make Glew of. For its other Vertues, see *Caper & Hircus*.

29. *Hippopotamus, Equus Niloticus, Hippocampa, Elephas Marinus*, a Sea-Horse. 1. *The Flesh* is eaten by the Ethiopians. 2. *The Fat* takes away the violence of Agues. 3. *The Testicles* dried are good against the bitings of Serpents. The Legs of this Beast are above three foot long, the foot broad; the Head two foot and a half broad; three foot long, and seven foot in compass; mouth a foot wide, little eyes and ears, Body fat, Hoof like a Cow, Tail like a Boar, and Nose like a Lion.

30. *Hircus, תעלזר, אדלדל*, A Kid, He-Goat. 1. *The Blood* dried and drunk with Rhenish-Wine, is Alexipharmick and dissolves the Stone. 2. *The Horn* in powder, mixt with Nitre, Oyl, and Tymaris-seed, is good against the Alopecia. 3. *The Flesh* boyled in water and applied, helps la-

posthumes in any part. 4. *The Fat* is resolutive and discutient; with Brimstone and Juyce of Flower-de-luce, it helps spots and freckles: mixt with Oyl and Tar, it is good against Scrophula's, and Leprosie; and applied with Goats-dung and Saffron, it eases the Gout. The other parts have the Vertues of the same denominated parts of the Goat, which see before, Sect. 12.

13. *Hystrix, Acanthocroterus, תעלזר, אדלדל*, The Porcupine. 1. *The Flesh* is like that of a Hedge-hog; eaten, strengthens the Stomach, loosens the Bowels, helps Scabs and Leprosie, cures the Dropsie and pissing abed. 2. *The ashes of the whole Beast* drunk in Tent or Canary, prevent Abortion. It has a mouth like an Hare, fore-feet like a Badger, hinder feet like a Bear, with various coloured prickles on the back, black and white, which they often erect and ejaculate in their own Defence.

32. *Hyena, Galnes, Belbus, תאבא, אקבא*, The Hyena. 1. *The Blood* mixt with Earley-meal, is good against the Tormina; and being taken, and applied hot, it helps the Leprosie. 2. *The Liver* eaten, is good against the biting of a Mad Dog. 3. *The Sinews* drunk in Rhenish or Canary with Oilanum, causes fruitfulness in those that have been disabled by Witchcraft. 4. *The Marrow of the back* mixed with its Gall, and old Oyl, boyled to the thickness of a Balsam, helps Palsies, numbness, Cramps, Aches, Coldness, and all other vices of the Nerves. 5. *The Lungs* taken in powder in Sherry Sack, help the Black Pass-

from

tion. 6. *The Heart eaten is Anodyne, eases all manner of pains, as also Tremblings, Convulsions, and Palpitation of the heart.* 7. *The Back-bone calcin'd and mixt with a Bulls Gall, and apply'd with the skin of the Hyena, helps the Gout.*

8. *The Gall.* It is stronger than that of a Bull, Hog, Sheep, Goat, or Bugil, yet inferior to that of the Sea-Scorpion or Tortoise; mixt with Honey, it sharpens the Sight, takes away the Pearl, and removes Suffusions in the beginning, and most other Diseases of the Eyes. 9. *of it drunk in the decoction of Spikenard,* helps the Tympanies. 9. *The Bladder drunk in Wine* is good against the Diabetes. 10. *The Dung dried and drunk,* helps the Dysenteria, and in Plaisters or a Cataplasim, helps the Gout, and putrid wounds. It is a Beast about the bigness of a Wolt, having bristles on its back like an Horse-Mane, of a yellowish colour, and speckled on both sides with blew spots. Their eyes change colour at pleasure; they see best in the Night, nor can they turn their Neck except they turn their whole Body; their Teeth are like a Saw; they generate with Lions, Tygers, Wolves, and Dogs, and Counterfeit Mans voice, &c.

33. *Ilex*, *Agoceros*, Ἰξάλλο, Ἰξάλλο, *Ilex*. 1. *The Blood*: *Gefner* saith, it is good against the Stone. 2. *The Renner* helps Conception, cures Epilepsies, and dissolves congealed Blood. 3. *The Dung* mixt with Honey, Pepper, Cloves, and Canary and Rheumish, is good against the Sciatica and Gout.

34. *Ichneumon, mus Indicus*, L.

tra Aeginetia, *Ichneumon*, *Ichneumon* or Indian Mouſe. It is as big, and ſomething longer than a Cat, has Hair like a Wolf, Not like a Hog, Ears ſhort and round, legs black, five toes in the hinder, long tail, and bends together like a Hedg-hog, being an Enemy to the Aſp, and all other kind of Serpents. 1. *The Dung* mixt with Muſtard and Vinegar, helps the Gout and *Alopecia*. 2. *The Urine* with the milk of a black Cow, are an immediate help for the Cholick. 3. *The ſkin* calcin'd, and the aſhes mixt with Vinegar, and applied, helps the bites of Serpents.

35. *Leo, Léon, 𐤋𐤍, 𐤋𐤍, Ari, Arab, A Lyon.* 1. *The Blood* be smeared on a Cancer, it cures it. 2. *The Flesh* is Anodyne, and helps the Palsie. 3. *The Fat* is the hottest of all Creatures, cures Ulcers, Phlegmons, old Tumors, Schirrus's and Cramp; it refits Poynt, and helps pains of the Joynts and Nerves, pains of the Ears and the Dysenteria. 4. *The Brain* made into an Oyl and droppe into the Ears, helps deafness. 5. *The Heart* eaten, helps Quartans and Epilepsies. 6. *The Gall* taken inwardly is present Death, but mixt with water, it clears the Eyes. *Galen* saith, that mixt with Honey, it helps Ulcers and the Pearl in the Eyes, and in a Pessary causes Conception. 7. *The Bones* in powder drunk in Carduus-water, cures simple Fevers. The Lion sleeps with his Eyes open.

36. *Lutra*. *Canis Fluvialis*.
Erdsee, *Kooy-melau*, *Otter*,
 a kind of *B. ver.* 1. The *Flesh*, is
 cold and ill scented, yet some
 eat it in Germany. 2. The *Blood*

mixt with Vinegar, helps swellings of the Sinews. 3. *The Skin* worn next the skin, helps the Palsie. 4. *The Liver* dried helps the Bloody-flux. 5. *The Testicles* cure the Epilepsie, and Fits of the Mother, and have the Vertues of *Castoreum*.

37. *Lepus*, $\Delta\alpha\gamma\omega\delta\epsilon\iota\tau\eta$, $\Delta\alpha\gamma\omega\delta\epsilon\iota\tau\eta$, *Arnebet* $\Delta\alpha\gamma\omega\delta\epsilon\iota\tau\eta$, *A Hare*.

1. *The flesh* is good food, and nourishes as Venison. 2. *The whole Hare* burnt to ashes is extersive, and attractive: The Ashes are excellent against the Stone given à ʒj. ad ʒi. outwardly they are used to take away excrescencies, and to cleanse, dry, and heal foul Ulcers, and mixt with Tar to cure the *Alopecia*. But *Laurenbergus* only takes the Head, which he dries and gives in powder.

3. *The Dung* mixt with Vinegar, Tar, and *Sandaracha*, causes hair to grow, and cures Burns; so also mixt with Bears-grease, inwardly it cures the Bloody-flux.

4. *The brain* is an Antidote against poyson, and cures Trembling.

5. *The ashes of the blood and skin* cures the Bloody-flux and the Stone: the blood anointed cures freckles, anointing with Oyl after it; drunk in Canary, it is *Alexipharmick*. 6. *The Broth* made of an Hare is good against Gouts and pains of the Joynts. 7. *The Fat* is attractive; and *Gesner* saith, draws things out of the Flesh.

8. *The Hair* burnt to ashes, stops bleeding, dries and binds; mixt with Oyl of Myrtles, Bulls-gall and Allom, it helps the *Alopecia*.

9. *The Renner* is good against Poyson, as *Nicander* saith, and dissolves blood curdled or congealed in the Body; cures the Epi-

lepsie, and helps Conception in a Pessary, but kills the Child: That is best which is taken from a *Leveret* or sucking one, dose ʒj. *Pliny* saith, it is used as an Amulet against Quartans. *Serenus Samonicus* saith, it is good against exulcerated Bitches and Cancers. It dissolves thick humours, and coagulates thin or liquid; for all sorts of Rennet has a certain fiery faculty, disjoyning things Heterogenous, and that in a small quantity, as is apparent in making of Cheese, where, in a very little, it communicates its quality to a great quantity. Hence it is apparent that the Rennet of all things both stops and dissolves. 10. *The Heart* powdered and drunk (a third part of a whole one at a time) in Rhedish Wine, cures the Epilepsie and Quartans in a week; if the Disease be stubborn you may use it for 30 days together: *Galen* saith, it helps the pain of the Womb. 11. *The Testicles* in powder cure the Diabetes and pissing abed, strengthens the Bladder, and helps Conception. 12. *The Kidneys* perform all the same things. 13. *The Liver* given with Earth of *Samos*, *Pliny* saith, cures Fluxes; and *Sextus* saith, it helps those that spit blood. 14. *The Gall* cures blindness and deafness. 15. *Of a Hares Gall, Liver of a Weazel* ʒiij, *Castoreum* ʒi, *Myrrh* ʒiij, *Vinegar*, *Honey*, ana ʒij, *Sherry*, *Sack*, or *Mead* enough to make it potable for four draughts; it cures the Vertigo. 15. *The Womb* taken in powder (after the terms) causes Conception. The Hare lives six or seven years, hears well, and sleeps with its eyes open, but shue their

their eyes when awake: They never drink, but refresh themselves with Dew.

38. *Lupus*, Λύκος, Νάνη, Zeeb, Deeba, A Wolf. 1. The flesh being decoct, helps the Gout by baching. 2. The skin worn about the Belly, cures the Cholick. 3. The Blood mixt with Oyl of Ben, helps Deafness: taken inwardly, it helps the Cholick, and Frensie or Melancholy. 4. The Fat has the same vertues with that of a Dog; It is Emollient, Digestive, and cures the Gout, and some say, helps bleared Eyes being applied to them. 5. The Dung, it has the Vertues of the Blood. *Solinus* saith, it helps suffusions in the Eyes; for the ashes mixt with Honey. 6. The Heart in powder cures the Falling-sickness. 7. The Lungs, *Rhasis* saith, being dried and powdered, and drunk in Cows-milk with Pepper, helps shortness of breath. 8. The Liver in powder helps Coughs and Consumptions. 9. The Teeth hung about the Neck, keep away frights. 10. The Gall has the same Vertues with that of a Dog; used in the Nose with Musk helps the Epilepsie. 11. A whole Wolf boyled in Oyl, is excellent against the Gout. 12. Essence of the blood is excellent, as *Hartman* saith, to dissolve congealed Blood. It is a bold ravenous Creature like to a Dog, and by some call'd the Wild Dog: coming into a Sheep-fold, they generally kill all before they eat any.

39. *Lynx*, *Lupus Cervarius*, *Oxyderches*, Λύγξ, Lynx, or Deer-like Wolf. It is a Spotted Beast, having little shining Eyes, and a bold undaunted Countenance;

a yard or more long: it has teats in its breast, and soft hair, with a kind of down; their sight exceeds that of all other Animals, whence came the Fable, That they could see through a stone wall. 1. The Fat is good against Palsie, Convulsions, and Numbness. 2. The Urine provokes Lust, in time it turns into a stone. 3. The Blood wasts the Stone and Gravel, if mixt with some vegetable Lithonriptick Essence. 4. The Claws or Hoofs being worn in a Ring (or as an Amulet) helps the Falling-sickness and Convulsion; and this they are thought to do by Signature. *Gesner* saith, that the Ashes of the Claws abate Lust.

40. *Moschus*, *Moschi Capreolus*, *Gazella*, The Musk-Cat, It is a Creature almost like a Kid, brought forth in Pegu, where the Great *Cham* lives; as also in Egypt, and other places. It has been brought to us, but in our Northern Countries it yields no Musk, nor does it live long. *Schroder* saith, the Musk is an excrement or matter included in a Cistis or Bladder about the Navil, while the Creature is full of Venery. When this Apostume swells much, and puts him to pain, he rubs it against stones or shrubs, and breaks it, upon which the matter falling it sticks, and by Vertue of the Sun-beams, it becomes sweet-scented Musk. Some cut off the Aposthume, and lay it in the Sun to ripen, but this is not so good, and therefore cheaper. It is adulterated many ways, which you may see in my *Polygraphice*, Lib. 4. Musk is hot in 2°, dry in 3°. It is attenuating

ting, Discussive, Cephalick, Cardiack, Hyfterick, Alexipharmick, and Analeptick. Inwardly it helps Faintings, Swooning, Palpitation, Melancholy, Head-ach, and Vertigo, all cold Distempers of Head, Nerves, and Joynts, excites Venerie, expels Poysons, especially *Napellus*; restores in Consumptions; helps pain of the Stomach and Sides, cheers the heart, revives the Spirits, cures Soda, and Nauseousness. Outwardly, it cures Blindness and Deafness, being put into the Eyes and Ears, and stop't into the Ears with cotton: In a pessary it attracts the Womb to it by its sweetness, and so helps Fits of the Mother: Some account it a specifick to cure the Pin and Web. Dose (in Canary) gr. iiii. or v. It is often adulterated with Roots of Angelica, a Kids liver, or Goats blood, p. iiii. of it to p. j. of Musk: as also with Nutmeg, Cinnamon, Cloves, *Spike-nard ana*, mixed with *Musked Rose-water*; and sometimes with *Benjamin*, *Storax*, and *Laudanum*. If it hat lost its scent, you may recover it by hanging it in a Jakes.

41. *Mulus*, *Мулов*, מולד, *Pered*, מולד, *Acahteran*, A Mule: it is a Barren Creature. 1. *The Skin* burnt to ashes, helps Burns, Ulcers, Fistula's, and gallings of the Skin. 2. *The Heart, Liver, Kidneys, Womb, Stones, and Blood*, cause Barrenness being taken inwardly. 3. *The Urine* softens hard Tumors, and cures the Gout and Gorns. 4. *The Dung* drunk in powder, helps the pain of the Spleen, stops the Terms and the Bloody-flux. 5. *The Hoof* by Fume stops the Terms, the ashes of it causes Barrenness,

and cures the Alopecia. It is a long-lived Beast, begot of a Mare and an Ass.

42. *Mus*, *Муш*, *мыш*, *Arab*, A

Moufe. It is a short-liv'd letche-

rous Creature. 1. *The Flesh* ap-

plied, helps the Wounds of Ser-

pents and Scorpions, as also its

own biting, and the biting of the

Shrew, and takes away Warts:

It draws out Thorns, Splinters,

Darts and Arrow-heads, or other

things which stick in the Flesh.

2. *The Fat* is good against the

Schirrus and Alopecia; so also

with Honey and Bears-grease.

3. *The fresh Blood* kills Warts:

and *Galen* saith, with the Gall of

a Cock and Womens Milk, *ana*,

it helps Infusions wonderfully.

4. *The whole Moufe* calcin'd, helps

the Alopecia, Burnings, and Tet-

ter. 5. *The Dung* given from

gr. iii. ad vi. looseth and pur-

geth Children, and, as *Marcellus*

saith, is good against the Cholick

and Stone. Outwardly it helps

Ring-worms, Tetter, Lichens

in the face, Head-ach, Scurff, Dan-

driff; cures all sorts of Warts,

Piles, Alopecia: if the Powder or

Ashes be mixt with Nitre, Vi-

negar, or Tar, and applied. 6.

The Liver drunk with austere

Wine, helps Quartans; and ta-

ken in the new of the Moon,

helps the Epilepsie. 7. *The Gall*

with Vinegar dropt into the

Ears, brings out Living Creatures

got in. 8. *The Urine* corrodeth,

as *Arnoldus* saith, even to the

bones.

43. *Mus araneus*, *Мушаран*, *мышаран*, *Hanaka*, Shrew-Moufe. They

are poysonous; so that Cats will

not eat them. 1. *The whole Moufe*

burnt to ashes, and applied with

Goose-

Goose-grease, cures the swellings of the Fundament, Felons, and Tumors behind the Ears.

2. The ashes of the tail cures the biting of a Mad Dog. Their biting is cured by the application of their own Flesh bruised, as also Oximel, Cupping-glasses, Scarification, Wormwood, Vinegar, Garlic, Cummin-seed, Vervain, &c.

44. *Mustela* טאנל, מלח *Choled*, A Weale. 1. The Flesh cureth Fevers. *Atius* saith, it cures the Gout and pain of the Joynts. The Ashes with Wine help the Head-ach and Falling-Sickness. 2. The Lungs open Obstructions of the Lungs. 3. The Gall mixt with juyce of Fennel, clears both the Eyes and the Skin. 4. The Ashes of the Dung have the virtues of Spodium. 5. The Liver drunk in Water, *Galen* saith, cures the Epilepsie. 6. The Genitals help the Strangury. 7. The Testicles and Womb are good against the Lethargy and Epilepsie being but singelt to. 8. The Blood is excellent against the Eleptantiasis, Botches, Suffusions in the Eyes, Epilepsies, Catarrhs, &c. Outwardly, with Vinegar and Honey it helps Impostumes behind the Ears, and the Gout: And *Isidore* saith, it mollifies contracted Nerves. Their biting is poysonous, but it is cured by Onions and Garlic, eaten, and also applied.

45. *Oryx*, *Orix*, *Oryx*, *Oxycepor*, *Ὀρυξ*, *Ὀρυξ*, *Orix*. It is a kind of Wild Goat about the bigness of a Roe-buck. 1. The Flesh and other parts have the same Vertues with those of the Goat. 2. The Horns being infused certain days

in water, and the water drunk, helps those that have been bitten by any venomous Beast: They are Alexipharmick, and good against the Epilepsie. Their Horns are upright, black, and so sharp, that they will pierce Brass or Iron.

46. *Ovis*, *Πεζογον*, *Ὀvis*, *Ἰξ*, *Tzon*, a Sheep. 1. The Flesh is of extraordinary good nourishment, beyond any kind of Flesh. 2. The Milk is better than Cows Milk, so the Cheese. 3. The Gall cures Cancers, being anointed with it: and laid with Wool to the Navils of Children, it loosens the Belly: Cropt into Ears with Breast-milk, it helps running Ears and Deafness, more especially if injected with a Syringe. Taken with Honey, it helps the Epilepsie. 3. The Blood drunk, helps the Falling-Sickness. 4. The Tallow helps Burns and Scalds, and skins a sore: applied with Al-lom it helps Kibes. 5. The *Oesipus*, *quasi* *ἔρις* *ῥύον*, *ῥ*, *for*des or filth sticking to the Wool: It is thus prepared. Take the greasie Wool from the Neck, Shoulder-pits, and Thighs of Sheep, put it into very warm water for eight or ten hours, then boyl and stir till all the fat or greasiness is in the water; press out the Wool, and pour the fat and filthy water from one vessel to another till it froth; let the froth settle, take away the fat that swims on the top; pour and re-pour it as before, till it be froth; which repeat so often till no more froth appear, nor fat swim at top: then take the fat with the froth, and wash it up and down with your hands in clear water so often and so long till the filth be washed from it, which is when

the water remains clear, and the fat is white, and being tasted, does not bite your tongue. This must be done in hot weather. It is a tedious work, and scarce worth the pains when done. Authors say, it warms, is Emollient, Discurient, Anodyne, and good against Strains and Contusions.

6. *The Dung* opens, attenuates, and is Anodyne. It is good against Warts, Fellons, Corns, burning Ulcers, Carbuncles, green wounds, bitings of Spiders, Serpents, Cankers, Tumors, Alopecia, Abscesses about the Ears, Swellings in Womens Breasts, pain of the Spleen, and the Gout, being mixed with Vinegar or Honey, Hens-grease, Wine, Oyl or Tar. Inwardly, it cures the Jaundice, Dropsie, Gout, Cholick, Melancholy, Pleurisie, pain of the Spleen, Stone, Gravel, Epilepsie, Scurvy, Fevers, and many other hot Diseases. Dose ʒi, in Oxy-mel, Wine, Mead, or fair water Morning and Evening.

7. *The Urine* taken from a black or red Sheep, and mixt with Honey, cures the Dropsie. Dose ab ʒiij ad vj. being distilled it also does the same.

8. *The Brain* applied helps watering of the Eyes, and drives away immoderate sleep, and facilitates breeding of Teeth.

9. *The Lungs* applied hot to the Head, help both Frensie and Lethargy.

10. *The Spleen* powder'd and drunk in Sherry, helps the pain of the Spleen, the Cholick and Black Passion.

11. *The Bladder* calcin'd cureth pissing abed.

12. *The Ticks* or Lice being given N^o 9 are admirable in the Gout. As for the Horns and other parts, see the Lamb, Ram, and Goat.

47. *Panthera, Leopardus, Pardus, Pardalis, Pardus, Panther* or Leopard. 1. *The Fat* is hot, dry, and cosmetick, hotter than that of a Bear. It helps the Vertigo, Palsie, and Palpitation of the Heart, Scabs, Ring-worms, Varices (or swellings of the Veins)

2. *The Brain* with juice of Rocket applied to the General of a Man, stirs up Lust.

3. *The Marrow* drunk easeth the pain of the Womb.

4. *The Gall* being drunk, presently kills (at farthest within six hours) for it burns the humours by its heat, sticking to the Muscles of the Ventricle, causing Convulsions, vomiting of green Choler. and Death: The *Scythians* poyson their Arrows therewith that they may kill the sooner. The Antidote is this. ʒi Earth of Lemnos, Bay-berries, ana p. j. Renner of a Roe buck, p. iij. Myrrh, Rue-seed, Spikenard, Gentian, ana, p. ss. make a Bolus with Honey, Dose the quantity of a Nutmeg with vomiting.

5. *The right Testicle* being drunk by a Woman (though Ancient) provokes the Terms, and the more being often used: they are stop't by fleawort-seed.

48. *Putorius, Catus, Fumia Scelligeri, Ictis, Fitch*, a kind of Cat: they live wild, their Flesh and Skin smells ill, their parts have the same Vertues with those of the Cat.

49. *Rangifer, Reingus, Rainger*. It is a Beast found in *Japponia*, as also in *Swedeland*, *Norway*, and other Northern Countries. 1. *The Skin* makes cloathing both for Body and Bed, and also Bellows.

2. *The Horns* and *Bones* serve to make Bows of.

3. *The Nerves* serve instead of Flax to sow with.

4. *The*

4. *The Flesh* dry (as Beef) lasts many years, and is good Food. 5. *The Milk* is excellent Nutrimenc. 6. *The Whey* serves as drink. 7. *The Hoofs* are excellent against Convulsions. 8. *The Hair* stops bleeding, and serves to stop Cushions with. 9. *The whole Beast*, when ramed, serves to draw with as Oxen. It has a Calves Head, a Horses Mane, proportion of a Hart, Horns ramous, smooth, slender, long, and bending backwards; the Hoof is moveable, and spreads in Snow. They change their colour according to the place they feed in, and time of the year; They go in Herds, and live hardly.

50. *Rana, Ranunculus viridis, Agredula Isidori, Δρυοβέτης*: The French eat the hinder part of the Green Frog. 1. *The Flesh* is good against Coughs, and such as are Hectick. 2. *The live Frog* held in the hand, takes away the heat of Fevers. 3. *The Liver* tied in the skin of a Crane, causes Venery by way of Amulet. 4. *The Ashes of Frogs* stop Blood. 5. *The Blood* hinders the growth of Hair after Evulsion, and is used for a Philtron. Water and Land-Frogs have one and the same Vertues.

51. *Rhinoceros, Ρινόκερος, Πρ Keron*, The Horned Snout: It is a Beast that has a Black Horn on its Nose, or in his Snout: It is in shape like a Boar, makes a noise like a Hog, and about the bigness of a Bull; the Horn is about a foot and a half long, Conical, solid, and without Cavity, which they rub against a Stone to whet it before they fight. 1. *The Horn*, it is good against Poyson,

Plague, and all Pestilential Diseases, and is an excellent Sudorifick; it is often used instead of Unicorns Horn, and for all that I know to the contrary, with as much success. Dose 4 gr. x. ad xx. 2. *The Flesh* is strong and nervous, and eaten by many people. 3. *The Skin* given in powder is good against Malignant Diseases.

52. *Sciurus, Crocodili genus, Σκίρ, κρο, Skinck*, (a kind of Crocodile.) 1. *The Flesh* is used in great Anridores against Poyson: drunk ad 3j, it causeth Lust: In India it is used against the Elephantiasis. 3. *The Fat* is good against the pains of the Reins. 3. *The Gall* mixt with Honey is good against Cataracts. 4. *The Blood* with Sal-nitre or Borax is Cosmetick. 5. *The Heart* is worn in black Wool as an Amulet against Quarrens. 6. *The Kidneys* increase Seed. 7. *The Dung* is good, as Serapio saith, against the Epilepsie.

53. *Sciurus, Nitela, Pirolus, Kzuplus, κ, Ιτρωε, ASquirrel*. 1. *The Flesh* is sweet and good like that of Goats or Conies. 2. *The Fat* is emollient, and good (as Galen saith) against pains of the Ears. 3. *The Teeth* are used by Magicians in foretelling things to come.

54. *Simia, Clunas, Πιδνκ, Σιμς, Πρ, Koph*, An Ape. 1. *The Heart* dry'd and drunk in powder ad 3j, strengthens the heart, increaseth boldness, & helps the Epilepsie. Their biting is cured by the Gall of a Bull, Betony, or the rind of a Radish drunk in Canary Wine, applying a Cataplasim of

of Vinegar, Honey, an Onyon, and a Bulls-gall. They are Creatures that will imitate any thing; and remember injuries long.

55. *Sorex, Ratus, Πίον*, A Rat. 1. *The Fat* is excellent against the Palsie. 2. *The Dung* is good to help the Alopecia. *Platerius* saith, that nine Rats-turds swallowed, is a great and approved Experiment among Women, to provoke the Terms. 3. *The Urine* falling upon the bare skin, causes the flesh to rot, even to the bone, nor will it suffer a Scar to be made upon the Ulcer. 4. *The ashes of the whole Rat* mixt with Fat and Honey, helps watering eyes. *Sextus* saith, being taken every day, clears the Eye-sight. 5. *The Tail* is full of Poyson.

56. *Sus, Ξύς, Χοίρος, Πίττ*, Chazir, A Swine. 1. *The Flesh*, it is the most nourishing of all flesh, generates good blood, and cures Consumptions. 2. *The Blood*, the Spirit of it drawn with Juniper-berrie, Agrimony, Rue, Phu, Cloves, Scabious, Scordium, Penny-royal, Venice-treacle, ana, is of great force against Consumptions, the Plague, and all Malignant Diseases, Pleurifies, pains and obstructions of Liver and Spleen, Corruption of the Blood, Fevers, Trembling of the Heart, Dropsie, and chiefly Poyson. Dose a gut. v. ad x. in Canary. The warm Blood kills Warts. 3. *The Grease or Fat*, it is temperate, Anodyne, and Conglutinative. 4. *The Gall*, it cures Ribes, and running Ulcers of the Ear, and hinders growing of the Hair: mixt with Salt, Vinegar, Oyl, Tar, and Turpentine, and

applied, it cures broken Bones, and eases the Gout. Mixt with Breast-milk, and dropt into the Eyes, it clears them: In a Gargarism in Wine it helps a Quinsie, and drunk, helps a Pleurisie and Suffocation of the Womb. 5. *The Marrow* is excellent against bleared Eyes. 6. *The Hair or Bristles burnt*, stops the bleeding, and helps burnings, as also the falling down of the Fundament. 7. *The Bladder*, boyled or burnt, and given, helps the Diabetes, or pissing abed. 8. *The Testicles of a Boar* given in powder with the Milk of a Sow, helps the Epilepsie, and causeth Conception. 9. *The bones calcin'd* are used in Dentifrices, and fasten the Teeth: with red Wine, they help the Diabetes and Dysenteria. 10. *The Milk* increaseth Milk in Nurses. 11. *The Urine* drunk, breaks the Stone, and helps the Pleurisie: sweetned with Honey it clears the Eye-sight, applied in a Cataplasm it ripens Apostumes. 12. *The Dung* helps the bitings and stinging of Serpents, Scorpions, and Mad Dogs; it softens, discusses, and cures hard Tumors, Scrophula's, Corns, Warts, Bleeding at Nose, Itch, Small-pox, Scabs, Fractures, Luxations, Wounds, Burns, Scalds, stops Bleeding, &c.

57. *Talpa, Mus Terrenus, Ασπερ*, *חפרפרה* Chaporperah, *פלגור* Pelagor, A Mole. 1. *The whole Mole*, the Ashes of it helps the running Gout, Leprosie, Kings Evil, and Fistula's, outwardly applied, and inwardly drunk in Wine or Beer a gr. x. ad ʒj, every day. 2. *The flesh* blood put

put on bald places, causeth hair to grow. 3. *The Liver* applyed, wastes away Wens. 4. *The heart* dried and given in powder (one in a day) for six or seven days together, cures Ruptures: they are most effectual in May.

58. *Taurus*, תור, תור, תור, *Tar*, *Taur*, Aleph, A Bull. 1. *The Flesh*, it is worse, and harder of Digestion than that of the Ox: In a Cataplasme, it is discentient and Anodyne, and dissipates swellings. 2. *The Horn* in powder drunk, stops the flux of blood. 3. *The Blood* applyed, helps all spots in the skin, and the Gout, but is dangerous to be taken inwardly. 4. *The Gall* is hotter than that of an Ox, and therefore more effectual to the same purposes. In Plaisters and Balsams it is an excellent Vulnerary, and good against Malignant Ulcers, Phagedens, Fistula's, and bitings of Serpents: With Nitre it helps the Scurf and Leprosie, and takes away freckles. Mixt with the white of an Egg, it is a good Collyrie: Mixt with Honey and Balsam, it takes away dimness, Pin and Web, and other defects of the sight; heals Ulcers in the Ears, and takes away their ringing noise: mixt with Rhenish, and drunk in the morning fasting, it provokes the Terms; and given in the Infusion of Colloquintida, expels the Birth. For the Vertues of the other parts, see the Ox or Cow.

59. *Taxus*, Daxus, Faxus, *Melo*, Melis, מלח, *Tachash*, A Badger. 1. *The Flesh* in Italy and Germany is used in Meat, and much commended, being not

much unlike the Wild Hog: the ashes of it with Honey, help spitting of Blood. 2. *The Blood* is wonderful against the Leprosie, applyed. 3. *The Fat* is of the nature of Hogs fat. 4. *The Liver* with water helps a stinking mouth. 5. *The Testicles* in powder eaten with Honey, stir up Lust, and cause Conception. 6. *The whole Body* calcin'd to ashes, is good against Diseases of the Lungs, and spitting Blood.

60. *Testudo*, Χελων, *Chomet*, A Tortoise. It lives both in Land and Water, with a Shell on its back. 1. *The Flesh* is incomparable good Food, and, as some think, inferiour to none, being also an Antidote against Poyson. 2. *The Blood* is Alexipharmick, given ad 3j, and clears the Eyesight. That of the Land-Tortoise given fresh to 3ij, cures Hecticks; and given dry, it cures the Epilepsie. 3. *The Gall* mixt with Honey, helps the Glaucoma, and other ilness of the Eyes. 4. *The Liver* in a Pessary helps the strangling of the Womb. 5. *The Legs* of the Male Tortoise cure the Gout, being cut off alive a little before the change of the Moon, and bound to the part afflicted, the right to the right, the left to the left.

61. *Tigris*, *Tiyer*, The Tiger. 1. *The Flesh*, Gesner saith, it is as sweet as Beef; and the Buttocks are used to be eaten by the Indians. 2. *The Fat* is like to Dogs Fat, and good against Palsies. It is a Beast something larger than a Grey-hound, very swift when they have lost their young, with shining Eyes, crooked Nails, sharp

sharp teeth, and feet having many toes: they love their Young extremely, and may be tamed by given them *Opium*.

62. *Vervex, Aries castratus* *Καρδ. rufus*, *Ῥ Kar*, A Weather or Murton. The Flesh is better than either that of Rams or Ewes: The Vertues of its several parts you may seek under *Aries* and *Ovis*.

63. *Vitulus, Vacie proles*, *μὲν* *Θ*, *Ῥ Par*, A Calf. 1. The Flesh is of good Nourishment and easie Digestion. 2. The Marrow softens hard Tumors, and Scirrus, hardness in the Muscles, Tendons or Ligaments, and is the best next to that of a Deer. 3. The Gall is very good against the Leprosie, and kills Nits and Lice. 4. The Dung applied fresh, cures the Erysipelas, and other hot Tumors.

64. *Viverra, furus, furo, Furonculus*, *Ἰνρί*, The Ferret. 1. The Flesh and Teeth are said to be poysonous; yet *Marcellus* saith, that the whole Body roasted, dressed, and eaten fasting, is good against the Falling-Sickness. 2. The Gall is good against the Poyson of Asps, and the Epilepsie. It is a Beast of a very hot temperature.

65. *Uncia, Unxia, Undia, Logranum*, The Ounce: *Topfel* saith, the Gall is deadly Poyson. It is a Beast of the bigness of a Mastiff Dog, with Face and Ears like a Lion, Body, Tail, Feet and Nails like a Cat, Teeth so sharp, that they can cut Wood: Skin of an ash-colour with black spots: A Beast so cruel, that it hates and destroys all Creatures (chiefly Mankind) loving nothing but its own.

66. *Unicornus, Μονόκερως*, *Οὐν*, *Rem, Reem*, The Unicorn. Many doubt whether there be such a Beast or no; but that is beyond Dispute, we have no less Evidence than the Holy Writings. But in what Country he is an Inhabitant is somewhat doubtful. *Paul the Venetian* tells us they are found in the Kingdom of *Bassina*, in the West-Indies. Others affirm, they are found in the Kingdom of *Ethiopia*. *Nicolas the Venetian* saith, they are found in the Province of *Manica*, in the furthest parts of *Asia*. To this *Andreas Baccius* seems to agree, who wrote a whole Tract thereof. *Alian* saith, they are found in rough Mountains in the inward parts of the East-Indies, where there are wild Sheep, Dogs, &c. *Ludovicus Vartoman* in his *Ethiopian Travels*, saith, that he saw two shut up in *Mecha*, sent from the King of *Ethiopia* to the Great Turk; the one of which was three Cubits long, and as big as an Horse, two years and an half old: The other two Cubits long, and as big as a Colt, twelve Months old; both had Horns in the middle of the Forehead, with a yellowish colour, and a Deers Head, Neck not very long, with lean Legs; and thin Hoofs cleft in two. The Horn is only in use, being *Alexipharmick*, *Sudorifick*, *Cardiack*, *Antifebrifick*, and *Cephalick*: It potently resists Plague, Pestilence, and Poyson, expels the Measles, and Small-pox, and cures the Falling-Sickness in Children: Dose ʒ gr. x. ad ʒi, or more. It is almost like to Ivory, but is distinguished

stinguished from its small fibres, solidity, and weight.

67. *Ursus*, Ἀρκτος, דב, דוב, Dob, דוב, Duba, דוב, Dubbe, A Bear. 1. *The Brain* is said to be poysonous. 2. *The Eye*, The left Eye (saith *Rhasis*, the right saith *Schroder*) dried, and hung about the Necks of Children, prevents frights in their sleep, and bound to the left Arm, cures Quartans by way of Amulet.

3. *The Gall* drunk in warm water, warms the Body, though almost frozen: drunk in Wine for three days, it helps the bitings of Mad Dogs, the Epilepsie, Asthma, Jaundice, Convulsions, and Palsies: Outwardly it is good against Cancers, running Ulcers, Fistula's, pains of the Joynts, Gout, Tooth-ach, and dimness of sight; as Suffusions, Pin and Web, and other Diseases of the Eyes. 4. *The Testicles* are excellent against the Falling-Sickness. 5. *The Grease* is hot and moist, Discutient, Emollient, and Anodyne: It cures baldness, (but often used, makes the Hair white) mixed with the ashes of a Mouse. It is excellent against all manner of pains, Gouts, contracted Sinews, Swellings behind the Ears, Old Sores, Ulcers, Fistula's, hard Tumors, &c. 6. *The Hair* burnt to ashes, and mixt with the grease, is excellent against the Alopecia. 7. *The dried Gall* is used in Finland as a Panacea against all Diseases.

68. *Vulpes*, *Vulpes*, Ἀλώπηξ, A Fox. 1. *The Flesh* is like that of the Hare, hard of Digestion, and

of ill Juyce. *Atius* dislikes it wholly because it is stinking: yet the Broth is said to help the Gout, and so the Oyl by Distillation.

2. *The whole Fox*: The Oyl by decoction, helps Nodes, contracted Sinews, pains of the Joynts, and the Gout. The Decoction in water used as a Bath, helps the Gout and Palsie, and weakness of the Nerves and Joynts. The Ashes are Pectoral, so also the powder of the whole. 3. *The Skin* is good against numbness and Gouty Joynts, being applied. 4. *The Blood* drunk to 5iij, iiij, or v. fresh, cures the Stone both in Reins and Bladder. 5. *The Grease* is good against Gouts, Tremblings, Palsies, Convulsions, pains and shrinking of the Sinews, Alopecia, and wounds of the Head. 6. *The Gall* anointed on the Eyes, cures the Pin and Web, Suffusions and other defects: and dropt into the Ears, helps Deafness. 7. *The Brain* often given to Children, prevents the Falling-Sickness. 7. *The Lungs* in powder are Pectoral, and good against Coughs, Asthma's, Obstructions, and other Diseases. 9. *The Liver* in an Extract opens Obstructions of the Liver and Spleen, for which purpose *Marcellus* and *Sextus* commend it. 10. *The Testicles* taken by a Woman, causes Conception. 11. *The Dung* mixt with Vinegar, and applied, helps the Leprosie; and applied to the Genitals with Oyl of Roses, it increases the strength of Salacity: To Women 'tis to be used in a Pessary.

CAP. III. OF BIRDS.

1. **A** *Accipiter*, *ἴεραξ*, *Ἰεραξ* *Netz*, A Hawk: It is a swift, bold, ravenous, quick-sighted Bird. 1. *The Flesh* is fat and sweet, and may be used as Food. It is good against the Epilepsie, cheers the Spirits, and resists Melancholy. 2. *The whole Hawk* beaten in a Mortar, and boyled in Oyl, that Oyl cures sore Eyes, and helps dimness of Sight; anointed on the Joynts, helps the Gout, and other pains. 3. *The Grease* has the same effects with the decocted Oyl, removing all Vices of the Skin. 4. *The Eyes*, *Keranides* saith, are worn as an Amulet about the Neck against Tertians. 5. *The Gall* is very sharp, and mixt with Breast-Milk, is good to clear the sight. 6. *The Dung* drunk fasting in Wine, causeth (as Hippocrates saith) Conception, and forceth away the Birth: It is so hot, that Galen thought it not safe; but it is otherwise.

2. *Anagen*, *Perdix*, *Asclepica*, *Ἀσκληπιάς*, The Heath-Cock. 1. *The Flesh* is of excellent Nutriment, not inferior to the Pheasant. It is good against the Stone; often eaten, it increases Seed, and helps Obstructions of the Lungs. 2. *The Gall* clears the Eye-sight, and dropt into the Ears, helps Deafness.

3. *Alauda*, *Galerita*, *Cassita*, *Κασιτιτὶς*, *Κίρπος*, The Lark. 1. *The Flesh* is hot and moist, of exceeding good Nourishment, fattest and best in Autumn and Winter.

2. *The Heart* applied to the thigh, helps the Cholick: so also if eaten; and the whole Lark too. 3. *The Blood* drunk fresh with Vinegar cures the Stone. They breed thrice a year, and are much troubled with the Epilepsie.

4. *Alcedo*, *Halcyon*, *Avis Pofidonik*, *Ἀλκυών*, King-Fisher. 1. *The Flesh* roasted and eaten, is affirmed by some to help such as are Possessed. 2. *The Heart* dried, and hung about the Neck of a Child, cures the Epilepsie. It is a delicate beautiful Bird, blew, green, and purple, something bigger than a Sparrow, having a long Bill, loving Rivers, and building on the shore.

5. *Anas*, *Pappos*, *Nῆσσα*, *Νῆσσα*, A Duck or Drake. 1. *The Flesh* is hot and moist, hard, gross, and not easily Concocted. 2. *The live Duck* laid to the Belly with the Feathers pulled off, helps the Cholick. 3. *The Liver* stops Fluxes caused by the Vices of the Liver. 4. *The Blood* drunk with Oyl is an Antidote against Poyson, is good against an Hemorrhage, and hurts of the Eyes. 5. *The Grease* is of an hot and subtile Nature, Emollient, Discutient, and Digestive; a great Anodyne, and of good use against cold Distempers of the Nerves: Anointed it helps the Pleurisie and Gout. 6. *The Dung* is good against the bitings of Venomous Beasts. 7. *The Womb* helps spitting of Blood.

6. *Anser*, *Ganza*, *Χήν*, A Goose. 1. *The Flesh* is exceeding hard of dige-

digestion, but being digested, nourishes well : It breeds Agues in cold Constitutions and weakly Bodies. 2. *The Liver* is of great Nutriment, and good against the Rickets. 3. *The Grease* is exceeding hot, and of thin parts, piercing and dissolving. It cures baldness, helps the Bloody-flux and *Lienteria*, cures chaps in the lips, and other parts, helps Deafness, pain and noise in the Ears, and loosens the Bowels : It is also exceeding good against Palsies, Lameness, Numbness, Cramps, Pains and Contractions of the Nerves. 4. *The Blood* is an Antidote against Poyson, given in *ziii*, or more. 5. *The Gall* with Hony helps contused Eyes ; with a Bulls Gall, Deafness. 6. *The Dung* is excellent against the Scurvy, Dropsie, Gout, Jaundice, and Green-sickness : you may give a *ʒj. ad ʒij* in Rhenish Wine. It provokes Urine and the Terms powerfully, and brings away both Birth and After-birth. Schroder saith, you may mix a spoonful of Spirit of Goats-urine with a dose of it, and so take it for eight days. The green dung gathered in the Spring, and gently dried, is best. 7. *The skin of the feet* dried and given in powder to *ʒs*, is excellent to stop the Terms. 8. *The Heart and Lungs* are good against the Psick. 9. *The Feathers* in powder stop bleeding.

7. *Apos*, *ʿAps*, Martinet. The Flesh is good Food, but dear ; drunk in Wine, it helps the *Tormenta*.

8. *Aquila*, *ʿAqd*, *נשר* *Nesher*, An Eagle. 1. *The Flesh* is scarcely fit for Meat ; but eaten, is Me-

dicinal against the Gout. 2. *The Bones* in powder are good against the Megrim, chiefly those of the Skull. 3. *The Brain* drunk in Wine, helps the Jaundice. 4. *The Liver* in powder drunk with the Blood and Oxytel for ten or twelve days, cures the Epilepsie. 5. *The Gall* is wonderful strong, helps Pin and Web, Pearls and Suffusions in the Eyes : and applied, helps the biting of Serpents, Scorpions, &c. 6. *The Testicles* cause Venery. 7. *The Dung* given inwardly, opens Obstructions : Outwardly it ripens Tumors and Pestilential Buboes. The Eagle can fly from Morning till Night, and that very high ; they see well, and have the best smell of all living Creatures ; they live till very old, and die by reason of thir crooked Bills.

9. *Ardea*, *ʿEpwδῆς*, *אנפא* *Anapha*, The Heron. 1. *The Flesh* is better than that of the Crane, but best when young, and eaten by the Nobility in France. 2. *The Bill* in powder, being drunk, causeth sleep. 3. *The Grease* is Anodyne, and eases pains of the Gout, helps Deafness, and clears the sight. it makes a good Bait to catch Fish with.

10. *Asteria*, *Βοταυρις*, *Ἀστέριας*, *קפוד* *Kippod*, The Bittor or Bittern. 1. *The Flesh* is of the Nature of the Stork and Heron, of no exceeding good Nutriment. 2. *The Skin* calcin'd stops bleeding ; so the Feathers. It is a Fowl that will dive in Water : *Aldrovandus* saith, that when they are taken, they stand unmoveable, and on a sudden wound the careless Fowler.

11. *Barnicla*, *Branta*, *Berna-*
chia, *Chenerotes*, The Baraicle.
They breed unnaturally of the
Leaves or Apples of a certain
Tree in Scotland. It is in shape
like to the Wild Goose, of an
ash colour, and somewhat less
than the common Goose, with
which it agrees in Nature and
Vertues.

12. *Buteo*, *Millo* *Marcelli*, The
Buzzard. 1. *The Flesh* is good
and tender, but best in Winter,
being eaten both boyled and ro-
sted: It is of an excellent taste,
and is much eaten in Italy. 2. *The*
Testicles help the weakness of Ge-
neration.

13. *Carduelis*, Gold finch. *Pla-*
tina saith, the *Flesh* is fat, and of
good nourishment before breed-
ing. *Kiranides* saith, eaten roasted,
it is good against the Iliack and
Cholick passion.

14. *Ciconia* Πέλαγος, Θ. ΠΥΡΩΝ
Chasida, the Stork. 1. *The Flesh*
nourishes as that of the Heron,
and is Alexipharmick against all
manner of Poyson and Plague,
strengthening the Nerves and Ar-
teries; eaten roasted, or the ashes
thereof taken in Wine. 2. *The*
Stomach has the same Vertues and
Properties. 3. *The Grease* is good
against Palsies, Gout, Trembling,
and Numbness, and of good use
against contractions of the Nerves.
4. *The Brain* taken in Wine is A-
lexipharmick. 5. *The Intestines*
in powder, taken in Rhenish,
ease the Stone and Cholick. 6.
The Gall cures Diseases of the
Eyes, and very much clears the
sight. 7. *The Dung* drunk in Wa-
ter or Canary, helps the Epi-
leptic, Vertigo, and all Diseases

of the Head: mixt with Goose-
grease it is excellent against the
Gout and other pains.

15. *Columba*, Πτερυγος, כולמ, כולמ,
Goel, *Jonah*, A Pidgeon. 1. A
live Pidgeon laid with the *Anus*
naked to a Plague-sore, and re-
peated so often as the Pidgeon
dies, frees the sick from the Ve-
nom and all manner of danger. Cut
in the middle and laid to the
feet, abates the heat of burning
Fevers, tho Malignant: and so
laid to the Head, takes away
Head-aches, Frenzy, Melancholy,
and Madnefs. 2. *The Blood* put
hot into the Eyes, cures Sufusi-
on, Bleariness, and dim sight,
and is excellent to cure green
Wounds. 3. *The Flesh* is very
Nutritive, and excellent Food.
4. *The Coats of the Stomach* in
powder cures the bloody-flux. 5.
The Dung is the hottest of all
Fowls, is wonderful attractive, yet
accompanied with an Anodyne
force: given inwardly in pow-
der à ʒis to ʒj, it helps the Head-
ach, Megrim, Cephalia, pain in
the Side and Stomach, Pleuresie,
Cholick, Apoplexia, Lethargy,
Gout, and breaks the Stone and
expels it. Outwardly with Vi-
negar and Barley-meal, it is ex-
cellent against Schirrus, Scrophu-
la's, Carbuncles, and other hard
Tumors: and mixt with Bears-
grease, it cures the Alopecia: and
given in Clysters, expels Wind,
and helps the Cholick. 6. *The*
Fat is good against the Disury.
7. *The Feathers* calcin'd, and
mixt with Bears grease, helps
baldness; put upon green wounds,
stop bleeding; and in a Fume
helps the Falling down of the
Womb.

16. *Cornix*,

16. *Cornix, Berositis, Gaudes*, *Κορυς*, The Gray. 1. *The Flesh* is eaten much in Italy, and in England, but breeds Melancholy Blood. 2. *The Brain* helps great and old pains in the Head. 3. *The Dung* drunk in Wine, is good against the *Dysenteria*. They lay two Eggs, love their Young, fly swiftly, and are scabbed in the Summer Solstice.

17. *Corvi Leguminales, Rooks*. *Muffet* saith, they are good food when young, but their Skin is rough, black, and bitter.

18. *Corvus, Satyra avis, Κορβ*, *חורב, Raab*, The Crow. 1. *The Flesh* is unwholesome, because they feed upon dead Bodies. 3j of the ashes of a Crow given two or three days together, cures the Epilepsie and Gout. 2. *The Brain* performs the same thing given with Vervain-water. 3. *The Dung*, as *Sextius* and *Marcellus* say, cures the Cough in Children, and the Tooth-ach. 4. *The Grease, Blood, and Eggs* make the Hair black. 5. *The Eggs* help the Spleen, but cause Abortion.

19. *Coturnix, Carrelius, Κορνιξ*, *Ορνις*, *שלו, Selau*, A Quail, *שלו, Salvim*, Quails. 1. *The Flesh* is of good Nourishment, and begets good Blood, but apt to putrifie if very fat; they are best roasted. 2. *The Brain* is good against the Epilepsie. 3. *The Eggs* drunk, cause Lust. 4. *The Grease* cures spots in the Eyes. 5. *The Dung* cures the Falling-Sickness: It is a Bird much troubled with that Disease.

20. *Cygnus, Olor, Κυγνη*, *חנשמה*, *חנשמה, Ra-*

cham, Rakam, a Swan. 1. *The Grease* cleanses the Face and Skin from Morpew, and other Vices. 2. *The decocted Oyl* of the whole Fowl is excellent against the Gout; as to their Flesh and parts, they have the same Vertues with that of the Goose.

21. *Cuculus, Gugulus, Κόκκυξ*, *קוקו*, *Shachaph*, The Cuckow.

1. *The Ashes* of the Cuckow are good against the Stone, Epilepsie, pain and moisture of the Stomach, and Agues given in the Fir. 2. *The Dung* given in Canary, is good against the biting of Mad Dogs. 3. *The Flesh* is good, and eaten by the Italians. They usually lay but one Egg, and that in the Nest of a Hedge-Sparrow: their Feathers come off in Winter, and they are scabby.

22. *Erythropedes, Redshanks*. These feed in the Fens; and, as *Muffet* saith, are of no bad taste, but of good Nourishment.

23. *Fedoa, Godwit*; 'tis a Fenny Fowl, and lives on Worms: There is plenty of them in Lincolnshire: *Muffet* saith, that when they are fat, they are light and delicate Meat.

24. *Ficedula, Melanchoriphus, Συρμας*, Colemoufe. It is called *Ficedula*, because it feeds on Figs. *The Flesh* is excellent Food, and being much eaten, clears the Eye-sight. They are best in Autumn, being then fattest.

25. *Fulica, Mergus niger, Pullus Aquaticus, Κερατος, λαγος*, The Coor. 1. They are eaten, first boyled, then roasted, being otherwise hard of Concoction. 2. *The Heart* is good against the Epilepsie. 3. *The Flesh* is used against

the bitings of Spiders. 4. *Their Eggs* are about the bigness of those of Hens. Their noise fore-shews Storms, and their diving Winds.

26. *Galgulus*, Yellow-hammer; it is a Bird that feeds upon Seeds and Grain. 1. *The Flesh* is wholesome and good food, but is best and farthest in Winter; at other times it is lean and bitter. 2. *The whole Bird* calcin'd is excellent against the Stone and Epilepsie. 3. *The Gall* clears the sight, helps fore-eyes, dimness and spots, and is excellent against Suffusions.

27. *Gallina Corylorum*, *Gallina Virium*, *Bonasa*, *Ouz*, More-hen.

1. *The Flesh* is black without, but white within; some account it the best of all Wild Fowl, being of a tender and pleasant taste. *Stumpsius* saith, it is excellent against the Epilepsie. 2. *The Ventricle* cures Asthma's. 3. *The Ashes of the Feathers* are wonderful drying, and good to heal old Sores, Ulcers, and Fistula's. 4. *The Fume of the Feathers* is excellent against Fits; From them you may draw a Spirit or fecid Oyl for the same purpose.

28. *Gallinago*, *Gallinella*, *Perdix rustica*, *Συρρόπις*, *Σιδίτις* *Dukiph*, Woodcock. 1. *The Flesh* is best in Winter, being then fattest. 2. *The ashes of the whole Bird* are prevalent, as *Gesner* saith, against the Stone. It and all its parts have the Vertues of Partridges.

29. *Gallus*, *Gallina*, *Avis Cohortalis*, *Αλεκτορίς*, The Cock and Hen. 1. *The whole live Bird*. The Anus of the live Fowl applied to a *Pubo*, draws out the Poyson by

its attractive quality; cut open and laid hot to the head, cures Head-ach, Vertigo, Frenzy, draws Poyson out of Plaguesores, helps bitings of Serpents, and stops blood. A *Jelly* is made of an old Cock, Sheeps-feet, and Bullocks-feet, boyled eight or ten hours in a close Vessel, excellent aganst Consumptions. *Cock-broth* is made of an old Cock, tired till he fall down, and boyled with Analepticks till the Flesh falls off, and then strained: It cures Consumptions, Cholicks, Coughs, the Bloody-flux, Ulcers and stoppage in the Lungs. *Cock-ale* is made of the former Broth, mixt with Spices for Ale or Wine; this serves to the aforesaid intentions: where note, that Capps flesh is the better. 2. *The Grease* is hot and moist, emollient, Discutient, Maturative, and Anodyne, good against pusses in the Eyes, and pain in the Ears. 3. *The Brain* is said to stop Fluxes of the Belly. 4. *The Weasand* burnt, or in powder, cures the pissing bed. 5. *The inward Turnicle of the Stomach* doth the same, as also strengthens the Stomach, stops vomiting and Fluxes, and breaks the Stone. 6. *The Gall* cures Suffusions, wonderfully clears the sight, and helps pain and deafness in the Ears: It is also a good Cosmetick, and cleanses the skin delicately. 7. *The Testicles* stir up Lust, cause Fruitfulness, and help Fevers. 8. *The Dung*, it has all the Vertues of Pidgeons-dung (at Sect. 15. above) but only somewhat weaker; Dose à ʒss ad ʒi, Morning and Evening, for four, five or six days; outwardly it cures scald

Heads,

Heads. 9. *The Intestines* burnt to ashes, help the pain and moisture of the Stomach. 10. *The Blood* dropt into the Eyes, clears the sight; and is also an Antidote against Poyson. 11. *The Bones of the Legs* are used against the Whites in Women. 12. *The Eggs* in their whole substance, are nutritive, the chief of all meats, and restorative in Consumptions. *The Shell*, either in fine powder, or calcin'd, or made into a Salt, breaks the Stone, and expels it. *The Membrane of thin skin* is of a wonderful attractive force, beyond most other things. *The white* cools, binds, and consolidates: *Hippocrates* saith, they cure the heat of Fevers; and brought into Glare by beating; they are good against an Ophthalmy, heal Wounds, and with Bole or Terra Lemnia, cure fractures and dislocations. *The Yolk* is Emollient, Digestive, Maturative, and Anodyne, stops Fluxes and a Gonorrhœa, given in a Cawdle made of two Yolks, a pint of Water, half a pint of Wine, ʒij. of Sugar, and a little Spice.

30. *Glottides*, Gluts. It is a Bowl which feeds and breeds in the Fens, of a good taste, and excellent nourishment. 1. *The Gall* helps Diseases of both Eyes and Ears. 2. *The Flesh* made into a Gelly, cures Consumptions, and restores the decays of Nature.

31. *Graculus*, The Jay. *The Flesh* is said to heat the excoriation of the Bowels: In France it is eaten by poor Country people; but *Musset* saith, it is of bad nourishment, causing the Epilepsie.

32. *Grus*, *Avis Palamidis*, *Γεεγυ* *Οιδ* *Sus*, A Crane. 1. *The Flesh* is hard of Digestion, as *Aegineta* saith; and *Rafis* tells us, it breeds Melancholy; used, as *Marcellus* says, chiefly against the *Tormina* or Cholick. 2. *The Gall* is excellent against Palsies, Convulsions, Blindness and Deafness. 3. *The Broth* of the whole Bird increaseth the Seed. 4. *The Head, Eyes, and Stomach*, as *Arnoldus* saith, in powder, heal all sorts of Ulcers, Fistula's, and Cancers. 5. *The Eggs* are eaten by the Indians, but are of a strong smell, hard digestion, and not of a very pleasant taste. 6. *The Liver* drunk in powder to ʒj. eases pains in the Reins. 7. *The Testicles* with *Sal Gem*, froth of the Sea, and Sugar, helps white spots in the Eyes. 8. *The Fat or Grease* helps all hardness, softens the Spleen and other Tumors, and helps Deafness: It is of the nature of Goose-grease. 9. *The Dung* is like that of Pidgeons. 10. *The Marrow of the shanks* is used in Oynments for the Eyes. The Neck of the Bird is a foot and half long, the rough Artery being inserted in the Flesh to the bone *Sternon*, therefore they are heard very far, making a great and loud noise. They fly with the Wind, run fast, and live about forty years.

33. *Haliæetus*, *חלית* *Gnaznijah*, The Osprey. 1. *The Flesh*, according to *Aldrovandus*, is not in much use. 2. *The Gall* mixt with Honey, helps the Pin and Web, Suffusions and dimness of the Eyes.

34. *Hirundo*, *Χελιδων*, *Χελιδωνη*, *חחם*, *עניר*, *חחם*, *Tachmas*, *Q2a* *Gnagiz*.

Gnagir, Chatos, A Swallow. 1. *The Flesh* is eaten by some poor people, but 'tis of no good Nourishment, yet often eaten, it helps dimness of sight. 2. *The whole Swallow* calcin'd and mixt with Honey, is good against the Falling Sickness, and Quinsie, and swellings of the Tonsils. 3. *The Heart* used as an Amulet, helps Quartans, Epilepsie, and loss of Memory; so also given in powder. 4. *The Stones* found in the Ventricle of a young Swallow, about the bigness of a Pease in the increase of the Moon, or in August at the Full, hung about the Neck, or ty'd about the Arm, cures the Falling-Sickness in Children, and Quartans. 5. *The Blood* has the same Vertues with the Heart, and is a *Psilothron*, and taken from under the right wing, it is a cure for the Eyes. 6. *The Dung* is hot, sharp, and discussive; mixt with Bulls Gall it makes the Hair white; mixt with water, it helps black scars, but is chiefly used inwardly against the bitings of Mad-dogs, Cholick and Stone. 7. *The Brain* with Honey helps Suffusions, so the Dung. 8. *The Nest* outwardly applied, is excellent against the Quinsie, redness of the Eyes, and stinging of Serpents, so also the powder of it taken inwardly; outwardly mixt with Honey, it helps an Erysipelas in the Face.

35. *Iynx, Hickwall.* The Flesh is good for Food, but has no known Physical Virtue.

36. *Larus, חתש Shachaph, The Sea-Mew.* 1. *The Flesh* is of an ill scent, and odious to be eaten. 2. *The dried Brain* helps the Fal-

ling-Sickness, as *Aurelianus* saith, by being smell'd to; so also being taken inwardly with Oxy-mel. 3. *The Heart* facilitates the Birth. 4. *The ashes of the whole Bird* are Diuretick, and help the Epilepsie.

37. *Lucina, Acredula, 'Andow, The Nightingale.* 1. *The Flesh* is sweet, and excellent food, helping the Cachexia, and strengthening the Brain. 2. *The Gall* mixt with Honey, clears the Eyes.

38. *Meleagris, Gallina Africana, Meleagris, The Turkey.* 1. *The Flesh* is most excellent food, and of great Nourishment: You may make Broth, Ale, or Gelly of it against Consumptions, for it restoreth strength plentifully, excites Lust, and agrees with all Dispositions and Complexions.

39. *Mergus, Dyples, Poonges, Banges, 'Aidwa, שולש Shalach, The Cormorant.* 1. *The Flesh* is black and hard of digestion. *Kirranides* saith, that roasted and eaten, it helps the Elephantiasis and Spleen. 2. *The Heart* is used by Magicians against Quartans. 3. *The Liver* drunk with Hydromel, brings away the after-birth, and helps the biting of a Mad Dog. 4. *The Blood* is Alexipharmick, and good against the biting of venomous Beasts. 5. *The Eggs* cure the Bloody-flux, & strengthen the Stomach: Of this kind of Bird is the Water-crow.

40. *Merops, Wood-pecker.* 1. *The Flesh* is not good for Meat, but, as *Gesner* saith, is harsh and hard of Digestion: Outwardly it helps Inflammations. 2. *The Gall* with the Nut-gall and Oyl Omphacine, makes the Hair black. 3. *The*

Heart

Heart is used as an Amulet to increase Love, and being eaten, helps the Cardiack Passion. 4. *The Gall* with Honey and Juyc of Rue helps fuffufions of the Eyes.

41. *Mervula, Nigretta, Kóovφ*, *Beiv* ☉, The Black-bird. 1. *The Flesh* is not of a very pleasant taste and smell, but with a certain kind of Acrimony, increasing Melancholy; yet the Salernitan Physicians praise it much. *Galen* saith, it is something harder to digest than that of a Partridge. *Savonarola* prefers it before the Thrush or Bustard: it is good Food when fat; stops Looseness, heals the Dysenteria and Cholick, and resists the Infection of the Plague. 2. *The Dung* mixt with Vinegar helps Lentils. 3. *The Head* with the feet of an Hare are used as an Amulet to make Men bold and courageous.

42. *Milvus, 'Ixiv* ☉, *חיה*, *חנה*, *Ajah, Raab, Daab*, The Kite. 1. *The Flesh* is of gross Nourishment, yet eaten by the poorer sort of People: Reduced into Powder and taken, it eases the Gout, and helps the Epilepsie. 2. *The whole Kite* burns, and taken inwardly to ☉. cures the Gout and the Epilepsie. 3. *The Head and Liver* burnt do the same. 4. *The Testicles* in Powder, and drunk fasting, cause Fruitfulness. 5. *The Dung* helps the pains of the Joynts and the Gout. 6. *The Gall* takes away spots in the Eyes. 7. *The Blood* mixt with Nettles, applied, helps the Gout. 8. *The Grease* is effectual to the same intention.

43. *Monedula, Jack-daw. The Flesh* is of ill Nourishment, as bad as that of Crows: outwardly applied hot and fresh, it dissolves Tumors, and helps the Kings-Evil.

44. *Motilla, Wagtail or River-Sparrow. The whole Bird* in Ashes or Powder is of a wonderful force in curing the Stone. Dose 3j.

45. *Noctua, Nyctimine, Tαδδ*, *Kovvofdeu, יענב, יוס, יליל, קפון*, *Jagnanah, Kus, Lili, Kippoz*, The Owl. 1. *The Flesh* is eaten by the poorer sort of People; and, as *Rabbi Moses* saith, is of good favour, and cures Melancholy. *Pliny* saith, it cures Palsies, and 'it is good for those that are troubled in Mind. 2. *The Grease* is good to quicken the eye-sight. 3. *The Brain* eaten, helps the Head-ach. 4. *The Blood* is good against the *Orthopnea*, and is a *Psilothron* after evulsion. 5. *The whole Bird* not pluck'd, calcin'd, and taken into the Throat, opens the Impostume of the Quinsie to a wonder. 6. *The Gall* is good; as *Schroder* saith, against spots in the Eyes.

49. *Oriolus, Witwal. The Flesh* is delicate; and, as *Musser* saith, of exceeding good Nourishment.

47. *Ossifragus, פרס*, *Peres*, The Ossifrage, or Break-bone. 1. *The whole Bird* calcin'd, and the ashes given, help the Epilepsie and Stone, and provokes Urine. 2. *The Gall* helps the Leprosie. 3. *The Dung* dried and drunk, helps the Stone and Dysury. 4. *The Stomach* dried and drunk, helps Concoction, and strengthens the Stomach.

5. *The Intestines* applied, help the Cholick.

48. *Palumbus*, פֶּלֶם, פֶּלֶם, **Guarsen**, The Ring-dove. 1. *The Flesh* is of good taste and nourishment, drying up superfluous Moisture, and binding the Belly, thereby helping the *Lyenteria*. 2. *The Eyes* help Ulcers in the Eyes. 3. *The Blood* helps the Gout. 4. *The Dung* is like that of Pidgeons, and provokes Urine. 5. *The Feathers* burnt, cure the Jaundice, Stone, and stoppage of Urine. It is an Innocent Bird, hating Adultry, Builds in Trees, Generates as Pidgeons, lays twice in a year, three Eggs at a time, and lives thirty years. Note, *The Flesh of Birds* is less nutrient than that of Beasts, but easilier concocted. *The first place among Birds* is given to the young Pidgeon, Lark, Chicken, Hen, Heathcock, Pheasant: The second to Thrushes, Black-birds, and Sparrows: The third to Ring-doves and the Duck: The fourth to the Pea-cock: and the last to the Goose, Swan, and Ostrich.

49. *Parus*, Titmouse. They are eaten; and, as some think, have the Vertues of the *Galgulus*: *Schroder* saith, given in Meat, or in Ashes, they help the Stone and Cholick.

50. *Parus major*, The Ox-eye. *Messer* saith, their *Flesh* is unwholsom; but it has the Vertues of the former.

51. *Passer Passerculus*, שְׂרָפָדָה, **Trippor**, The Sparrow. (*Trogloditer*, The Hedge-Sparrow.) 1. *The Flesh* is lean, bindeth the Belly, but the Broth loosens it: It is a most lascivious Bird, and

being much eaten, excites *Veneri*; the Youngest are best. 2. *The Brains* eaten, have the same Operation. 3. *The Dung* given in a few grains to Children, loosens the Belly. 4. *The Gall* applied, excites to *Veneri*. 4. *The whole Hedge-Sparrow* is excellent to break the Stone and expel it, being eaten raw with Salt, and burnt to ashes, and so taken. It also helps the *Epilepsie*, and dropisie *Tympanites*, consuming Humors by its callidity and dryness. 6. *The Dung* in powder helps the Laxation and Nauseousness of the Stomach: It cleanses the skin, helps the *Alopecia*, cures Carbuncles, and extirpates Varices, applied with Mans spittle.

52. *Pavus*, *Pavus*, *Avis Junonis*, *Avis Medica*, **Taw**, **Renanah**, The Peacock or Pea-hen. 1. *The Flesh* is hard of Digestion, gross, fat, and yields strong Nutriment. 2. *The Broth*, if fat, cures Pleurifies. 3. *The Eggs* are much of the Nature of the *Flesh*, of a pleasant taste, and Nourish much: Eaten they cure the Rheumatism. 4. *The young Birds* are excellent good Food, pleasant, and yield good Nourishment. 5. *The Fat* with the Juice of Rue and Honey helps the Cholick. 6. *The Tongue* is good against the *Epilepsie*. 7. *The Bones* in powder with Vinegar, are good against Morphew and Leprosie. 8. *The Feathers* are used in fumes against the rising of the Mother. 9. *The Gall* clears the Eye-sight. 10. *The Dung* given dry in powder 3j at a time for many days, cures the Falling-Sickness, Me-

grim, Vertigo, &c. Crato gives it with Sugar; or you may steep it in Wine over-night, and strain it, and give it from the New Moon to the full.

53. *Pelicanus*, ΠΕΛΙ, ΠΙΝΔ, Kaat, Kaah, The Pelican. 1. The *Flesh* is hard; and, as Aldrovand saith, of a strong Excrementitious Nature. 2. The *Gall* mixed with Nitre (as Kiranides saith) whiteneth black Scars, and cleanseth all discolourings; It also takes away the filth of Silver.

54. *Perdix*, ΠΕΡΔΙΞ, ΠΕΡΔΙΝ, KAT, Kore, The Partridge. 1. The *Flesh*, whilst Young, is excellent Food, increases Seed, Milk, and excites Venery: it is good for cold, moist Bodies, and a weak Stomach. 2. The *Liver* dried and drunk, helps the Epilepsie, as Haly saith, and being taken in Yarrow-water, Crato affirms, cures both Jaundice and Fevers. 3. The *Ventricle* in powder, drunk in black Wine, helps the Black Passion. 4. The *Marrow* and *Brain* cures the Jaundice. 5. The *Blood* helps Eyes wounded, Blood-shot, and such as have Suffusions in them. 6. The *Gall* is one of the most eminent things for defects in the Eyes in the World; helping Sores in them, Dimness of sight, and Suffusions. 7. The *Broth* is good against the Jaundice, helps against the Elephantiasis, Consumption, and the French Pox. 8. The *Feathers* in a Fume help Fits of the Mother; the Ashes of them are good against the Apoplexy being mixt with wild Cummin and Olibanum: A *Lixivium* by Fomentation helps

Cholicks and other pains. It is a very Libidinous Bird, for they will seem to copulate with their own Image in a Glass: they lay ten or fifteen Eggs, sit twice in a Year, feed on buds of Shrubs, Betula, Grass, Green Corn, &c. and live about fifteen or sixteen Years.

55. *Phasianus*, ΦΑΣΙΑΝΟΣ, ΠΟΒ, Pigeon, The Pheasant. 1. The whole Fowl and all its parts, are of the same Nature with the Dung-hill-Cock, Hen, or Capon; only this, by reason it is wild, is of a more pure and delicate Nourishment. Averroes prefers it before any Fowl, so Aldrovand. 2. The Eggs are next to those of Hens. 3. The *Flesh* Restores in Hectick Fevers. 4. The *Blood* resists all Poyson. 5. The *Gall* sharpens the sight. 6. The *Dung* excites to Venery. They lay twenty Eggs together, and sit once a year.

56. *Pica*, ΠΙΚΑ, ΠΙΚΑ, Raham, The Mag-pye. 1. The *Flesh* eaten, (or burnt to ashes and applied to the Eyes) helps Redness and pain of the Eyes, and Dimness of sight, Vertigo, Epilepsies, Melancholy, and Madness. Aldrovand saith, they are of a very hot temper, as may appear by their Salacity. 2. The Eggs in powder help white spots in the Eyes. 3. The *Heart* with Ivy, helps the Disury. 4. The whole Bird beaten in a Mortar, and applied, strengthens weak Joynts, and takes away Cankers in the Yard.

57. *Picus Marinus*, Sea-Pye. The *Flesh* is of a bad taste, scarcely good for Food or Physick.

58. *Pluvialis*, the Plover. The

Flesh is very pleasant, and much better than the green Lapwing: It nourishes, and restores in Consumptions.

59. *Psittacus*, תוכי *Tukijah*; The Parrot. The *Flesh* is good Food, and eaten by the Inhabitants of *Grachane*, from whence they come.

60. *Puffina*, the Puffin. It is of neither very good taste nor digestion, yet by some Appetites accounted a great Dainty, and is permitted by the Pope to be eaten in Lent.

61. *Querquedula*, Teals and Widgeons. *Muffet* saith, they are much better than wild Ducks or Geese: they strengthen the Stomach.

62. *Ralle*, Railes: Those of the Land have the same Qualities and Vertues with Partridges, being preferred to Noble-men's Tables: Those of the Water are esteem'd in *Italy* before Thrushes or Quails.

63. *Regulus*, the Wren. Their *Flesh* eaten raw helps stoppages of the Urine, and cure the Stone; they have the Vertues of the Sparrow.

64. *Rubecula*, Robin Red-breast. They are good Food, and are equal in Vertues to the Sparrow.

65. *Sneppa*, the Snipe. 1. The *Flesh*, *Gesner* saith, is not so good as Partridge: But *Muffet* saith, they are of so light and good digestion, that they agree with most Mens Stomachs.

66. *Struthio*, *Struthiocamelus*, *Avis Libyca*, στρουθός, στρουθόκαμος, The Ostrich. 1. The Ventricle or Skin of the Stomach taken in powder to ʒiij. in Rhenish Wine or Water, strengthens the

Stomach, dissolves the Stone wonderfully, and stops Fluxes. 2. The *Flesh*, according to *Avicen*, is hot and fat, strengthens the Stomach and Body, causeth Appetite, and excites to Venerie. 3. The Fat or Grease cures the Stone by Uncion, is hotter, and more efficacious than Goose-grease, dissolves hard Swellings, strengthens the Nerves, and eases pains of the Spleen and Gout. 4. The Eggs are effectual to the same purpose. They Generate as the Camel: It is a very great Bird, and famous for Concoction.

67. *Sturnus*, Ψάψ, Ψάγος, סטורן, *Alzarazir*, the Starling. 1. The *Flesh* is counted by *Galen* to be a Meat of good Juyce, when young; and *Muffet* saith, they are savoury, and good against all Poyson. 2. The Dung is Cosmerick, is Absterfise and drying, helps Morpewand Ring-worms.

68. *Turdus*, *Cichla*, *Alchamari*, Κίχλα, The Thrush. The *Flesh* is of good Nourishment; hotter than that of the Black-bird, and preferred by many. Roasted with Myrtle-berries, it helps the Dysenteria, and other Fluxes of the Belly: Steeped in Vinegar, 'tis good against the Plague.

69. *Turdus exoticus*, The Fieldfare. They feed as the former, and their *Flesh* is of as good, or better Nourishment. They feed upon Juniper-berries; and when they are ripe, their *Flesh* is perfumed therewith.

70. *Turtur*, Τερνάρ, Τύρ, *Tur*, The Turtle-dove. 1. The *Flesh* has the same Vertues with the Pidgeon, but is peculiarly good against the Bloody-flux, and overflowing

flowing of the Terms, given either in ashes, *ad gr. x.* Powder, *ad ʒj.* or Extract *ad ʒfs.* Avicen saith, it strengthens both the Stomach and Intestines. 2. The Dung, Pliny saith, helps white spots in the Eyes, used with Honey; and Marcellus saith, that boyled in Mulse, it helps the Reins: 3j drunk with Honey, is good against the Stone, and helps such as cannot make water. 3. The Fat is good against the Gout: See the Pidgeon.

71. Vannellus דוכופה Dokyphat, A Lapwing. 1. Its Ashes drunk in Wine is good against the Cholick, and a Cataplasim thereof helps the bitings of Mad Dogs. 2. The heart is good against pains of the Sides. 3. The Blood anoynted on the Temples, causeth wonderful things to be seen in Sleep. 4. The Feathers in a fume expel Worms. 5. The Skin is good against the Head-ach.

72. Vespertilio, Νυκτερος נפטל, Baphas, Gnataleph. The Bat. 1. The Flesh is abominable Food, yet some eat it; it is good against a Schirrus, and Galen applies it against the Gout; with Bitumen it is a depilatory. 2. The Blood is a Depilatory, and helps Scurf and Morphew. 3. The Brain with Womans Milk, Juyce of Hemlock, or Vitriol-water, has the same Vertues. 4. The Gall mixt in Vinegar helps the biting of the Shrew-mouse. 5. The Heart and Tongue cause Hydrophoby.

73. Ulula, The Howlet. 1. The Flesh boyled in Oyl and Honey, is good against Ulcers and the Gout. 2. The Gall helps Dimness of sight, white spots in the eyes, and Suffusions.

74. Upupa, Phylincoperos, Έπποψ, The Houpe. 1. The Ashes drunk in Wine, help the Gripping of the Guts. 2. The Eye worn as an Amulet, cures the Leprosie. It is a Bird somewhat bigger than a Quail (of the kind of Lapwings) of a dusky colour, having a tuft on their Heads.

75. Orogallus, Tetras, Τέτρεξ, Ούρεξ, דוכופה dukophat, The Bistard. Some say the flesh is good as that of Pheasants, and is only counted fit for the Tables of the Gentry. It is a Fowl that has a neck 9 inches long, and weighs 20 lb.

76. Uspsanser, Chichelinches, Χλω-αλάμπξ, Birgander. 1. The flesh was formerly of good account. 2. The fat with Vine-ashes helps the Elephantiasis. 3. The Eggs are better than Hens, worse than Peahens: it has a gooses form, but foxes craft.

77. Vultur, Τύψ, איה, רחמה, Ajah, Rachame, The Vulture. 1. The Flesh is Cosmetick, helps Epilepsies and Diseases of the Head. 2. The Dung but smelt to, expels the birth. 3. The Heart is good against the Epilepsie. 4. The Gall drunk with Wine, has the same Vertues. 5. The Grease cures most defects of the Nerves. 6. The Feathers laid to the Soles of the Feet, causes speedy Delivery in Child-Birth. 7. The Ashes of the Head help the head-ach and dimness of sight. 8. The broth of the Flesh is good against Elephantiasis, Bitches, Scabs, Itch, Steatomis, the Fellon, Bronchocele, Malignant Tumors, Gouts, Convulsions, Palsies. 9. The Lungs excite Venery and stop bleeding. 10. The Liver is good against the Leprosie. It is a Bird like an Eagle lives an 100 years.

CAP.

CAP. IV. OF FISHES.

1. **A** *Bramis, Scardala, Cyprinus latus*, The Bream. It is a dangerous Fish to eat, in respect of its Bones: *Muffet* saith, it is nothing but a flat Carp, yet it is whiter, and of better nourishment. The Sea-Bream has white Flesh, solid, is of good Juicye and Nourishment, and of easie Digestion.

2. *Acus, Acicula, Ablennes, Pagis, Bexon*, The Horn-Beek. 1. The Ashes of the Marine drunk, help involuntary pissing. 2. The Flesh fryed with the Juicye of an Orange, is grateful to the Stomach: It lays Eggs.

3. *Alaxia minores, Sarda, Texis*, Pilchers. It is a Fish somewhat larger and fuller than a Herring, and some think a better sort of Fish: They are best broiled, having been a day in Salt; and then eaten with an Onion, Butter, Salt, and Pepper.

4. *Alburnus, Aborinus, Scavardinus, Ευθερεδαλυο*, The Bley, or Bleak. It has a tender kind of Flesh, but never wholesome; for in Summer they grow mad, by reason of a Worm in their Stomachs. The *Variatus* or Sea-bleak changes its colour with every light and object, having firm and wholesome Flesh; and is as good as any Carp: It is called the Sea-Chameleon.

5. *Anguilla, Enchelys, Plota, Εγγελος, Εγχελιος*, The Eel. 1. The Flesh is sweet, and yields much Nourishment; they are best roasted and broil'd. 2. The Fat is good against blows, and discolo-

urings of the Skin: dropt into the Ears, it helps old pains and Deafness. It is vulnerary, and helps baldness: Anointed, it cures the Hemorrhoides. 2. The bloody end of the Head, if it touches Warts, and is afterwards buried, takes them away. 3. The Gall is excellent against Suffusions of the Eyes; and with Oyl of Roses is a Depilatory after evulsion. 4. The Liven drunk, causes, as *Kirallides* saith, a loathing of Wine. 5. The Blood, taken warm with a double quantity of Red Wine, cures the Cholick.

6. *Aphya, Apua, Hepsetus, Liparis, Αφυν*, The Groundlin. It is of moist Nutriment, flatulent, and loosens the Belly, being best boyled. The *Phalerick* is wonderful fat, so that it serves for Lamps, They swim together in great shoals, so that they make the water as it were white.

7. *Apium*; Alderlin. *Muffet* saith; That the Flesh, when sod, smells like wild Parsly, provokes Urine, and is of good Nourishment. It is a mixt Fish, betwixt a Trout and a Grayling.

8. *Apae Corbita*, Minoes. They are a most delicate and light food (their Gall being carefully taken out:) they are less than Loches, and feed by licking one another: Their Name comes from *Minium*, their Finns being red.

9. *Aquila Marina*, The Sea-Hawk. It is an unpleasant Fish, rank, and only eaten by poor People: *Aldrovand* saith, it has

a very moist and soft Flesh, and therefore ought to be eaten with Garlicke, Onions, &c.

10. *Asellus*, Ling. It is called Sea-Beef, but is nothing but a Ling-Cod. The greater are called *Orange-Ling*, and the other *Cod-Ling*: whilst new, it is called *Green-fish*; and when salted, *Ling*, so called by Lying: It is good hearty Food, and of strong Nourishment. The *Cod-Ling* is taken near *Bedwellin*, in the County of *Northumberland*; the other in the far Northern Seas.

11. *Asellus Islandicus*, *Haberdine*. It is an Island Cod, somewhat bigger than ours, and of the same Nature.

12. *Asellus medius*, Cod-fish. When fresh, the Head, Lips, and Palate are best, being light of Digestion. 1. The Flesh is very tender, and almost as good as a Whiting, it being only a great Sea-Whiting. 2. The *Kelk* is a bladder full of Spawn, which is accounted a very great Dainty, being of great Nourishment, and Restorative. 3. The *Stone*, which is a glewifh Substance at the end of their Stomach, is very pleasant; of which is made the toughest Fish-glew.

13. *Asellus*, *Caranides*, *Locustella*, *Kepuag* ♂, The *Creville*: It is of excellent Nourishment, Restorative in Consumptions, good against the Stone, and all manner of stoppages of Urine: When boyled in Water, Salt, and Pepper, you may take out the flesh, and boyl it again in Milk for Consumptive Persons, and such as are in He-dicks, have burning Fevers, or any Ulcer in the Bladder: They are also good against

the Inflammation of the Tongue and Throat, and Cancers. In all their other Verrues they agree with Lobsters and Crabs, which see in their proper places.

14. *Aurata*, *Orada*, *Ioniscus*, *Chrysol*, χρυσόλεπρος, The *Guilt-head*. Some report it to be the sweetest of all Fishes, and the most acceptable to the Palate, yielding much nourishment; but the best are the Marine.

15. *Barbo*, *Barbus*, *Muslicaus*, *Mystus*, ἰερίχθη, The *Barbel*. *Al-drouundus* saith, that the Flesh tastes well, is tender, of easie Concoction, and of good Juycce, but full of Bones. 2. Their Eggs or Spawn some think to be Venomous, yet they are often taken by Country People, for they vomit and Purge violently.

16. *Blatta Bizantina*, *Unguis*, *Odonatus*, The *Sweet Hoof*. Their Shell smells like to *Castoreum*, and being taken inwardly, expels Wind, dissolves Humors, loosens the Bowels, and softens the hardness of the Spleen: Outwardly in a Fumigation it cures the Suffocation of the Womb, and the Falling-Sickness; and has the Vertues of all other Shells.

17. *Cancer*, *Kαρκιν* ♂, *Πύραυλος*, The *Crab*. 1. The whole Crab is excellent against all sorts of Fevers, Consumptions, He-dicks, Phthisicks, Asthma's, the Stone in the Reins and Bladder, pain and stoppage of Urine, being Cooling, Humecting, Emollient, Analeptick; Diuretick, and Anodyne; beaten and applyed, they take away heat and pain in the Reins, and in a Gargarism help the Quinsie. Applyed with Oyl Olive, and the Liver,

Liver of a Calf, they draw out Darts, and things gotten into the Flesh. 2. *The Eyes* are cooling, drying, Alexipharmick, take away and cure all Acidities; breaks the Stone, dissolves Tartarous Coagulations, and Congealed Blood. 3. *The Galls* have all the former Vertues with the Eyes; are excellent against Agues, and all manner of Fevers, and applied (in powder or ashes) with Oyl of Roses, cures the Itch, and other breakings out of Salt Humours. They are famous in the Cure of the Stone, Pleurisie, Asthma, and Cholick, &c. 4. *The ashes of the whole Crab*, dry, and are good against the birings of Mad Dogs, taken with Powder of Gentian Roots, or Contrayerva: Mixt with Honey they cure clefts and gallings of the Fundament and Feet, and are good against the Bloody-flux. Galen burnt them in a brass basin at the rising of the Dog-Star, the Sun being in Leo; the Dose is ʒij. for forty days together. 5. *Crabs-Eyes prepared*. They are done by Levigation upon a Marble with Fennel or Rose-water: It has the former Vertue. 6. *Aqua Cancrorum*: It is distilled in B. M. or Ashes; It provokes Urine, allays the heat of Fevers, quenches Thirst, and breaks the Stone. 7. *Liquor Cancrorum*. It is made by putting Oyl of Tartar per-deliquium, to the powder of the Eyes or Shells, and digesting it twenty days in a Horse Dung-hill, then abstracting, and drawing with S.V. an Extract, which Spirit being also abstracted, will leave in the bottom an Oyl or Liqueur, good to

all the Intentions as aforesaid: Dose a gr. v. ad x.

18. *Canis Cetaceus, Canis Charias*, Κίον, the Dog-fish. 1. *The Flesh* is white, of easie Concoction, but of no very pleasant taste, and is therefore eaten with Mustard, or some other sharp Sauce. 2. *The Teeth* set in Silver, are worn as an Amulet to cause easie breeding of Teeth. 3. *The Fat* has the same Vertues with that of the Crocodile; and being used in a Gargarism with Poppy-Water and Vinegar, helps the Tooth-ach: Where note, that some of these Fishes weigh about four thousand pound weight.

19. *Cernue, Acerina Plinii, Porcellus, Porculus*, Χοιλα, Russi. They are of the Nature, Sweetness, and Vertues of Perches, being not much unlike, which makes them the more liked. The Stones in their Heads help the Stone in the Reins and the Pleurisie, or other pricking pains of the sides: In sandy places they grow exceeding fat and sweet.

20. *Cetus, Cete, Pistrix, Balana, Bellua Marina*, Κίτ, The Whale. 1. *The Flesh* is Excrementitious, and hard of Digestion, breeding many raw Humours; and therefore is eaten Salted: The *Ichthyophagi* made Bread of their Flesh, and Houses of their Bones. It is better Boyled than Rosted, especially with Vinegar, Wine, Parsly, Hyssop, Savory, Fennel, Organy, Anet, Onions, Leeks and Pepper. 2. *The Fat or Grease* is said to cure the Itch. 3. *The Liver* of the *Balana* smell like Violets, and Cardan saith, nourish much, and taste pleasantly being Salted.

The

The *Manati*, is a sort of Whale like a four-tooted Beast, which the Dutch call a Sea-Cow, because the Head is like that of a Cow; the *Spaniards*, *Manati*, and their two fore-feet Hands, from *Manus* a Hand: Out of the Head of it is taken a Bone, sometimes like a Tooth, which is effectual against the Stone and Cholick, being calcin'd and given in Persicary-water, a 3fs. ad 5j: Or you may make a Magistery of it by dissolving of it in Spirit of Salt or Nitre, and precipitating of it with water, and exhibit it in the same Cases, a 3fs. ad ʒiij.

21. *Chalcides, Sardinia, Sardella*, *Σαργα*, Sprats. 1. The powder of their Heads is good, as *Marcellus* saith, against Bitches, pain and swelling of the Throat and Gums, iink and Cankers of the Mouth. 2. The *Flesh* taken before Meat, loosens the Belly; but it is Aguish, especially in a weak Stomach. 3. *Chalcides Majores*, Spurling, pickled like Anchoves, or *Turner* way, exceed them in goodness, and very much strengthen the Stomach.

22. *Cochlea Marinæ*, Perwinkles. They are nourishing Food, and very restorative in Consumptions and Heſticks, being sod in their own Sea-water: The whitest and such as are taken in clean Creeks are best; for Consumptive Persons they are best boyled in Milk, others may eat them boyled in Vinegar, or Water and Salt.

23. *Colbydana Mentula Marina*, *Canda Marina*, *Pleeds*, Yards. They are excellent Food for Sick and Consumptive People, restoring and nourishing much, ha-

ving the Vertues of Crabs, Shrimps, Lobsters, &c.

24. *Concha*, Shell-Fish. They are of divers Forms and Colours, being Fish without a Head, inclosed in Shells double or single, long, square, squammous, coralline, smooth, or streaked; to which also belong Oysters, Cockles, *Dentalium*, *Entalium*, *Sea-Navel*, *Blatta Bizantia*, *Purplefish*, *Mother of Pearl*, &c. 1. The Shells are drying, Sudorifick, Cleansing, Antifebrifick; and are given either in powder, or calcin'd, or Levigated with Carduus-water. 2. *Crollius his Antifebrifick*: Free the Shells from their slime by laying them all Night in strong Vinegar, then calcine them till they are white, powder, and keep it for use. It sweats excellently, cures Fevers, especially the Tertian, given in the Fit, and repeated three or four times, in hot Ale with Butter. Dose ʒj. to ʒiij. 3. The *Flesh* eaten, is restorative to such as are in Consumptions; and is also good against Quartans, being eaten.

25. *Conger*, The great Sea-Eel. It has a white, fat, and sweet *Flesh*; they nourish to excess, and are therefore dangerous, because of Surfeits: They are best first boyled with Water and Salt with sweet-herbs, then broyled, so they are exceeding good food. The small ones are taken between *Gloucester* and *Tewksbury*, the great ones only in the Salt Seas.

26. *Coracinus*, *Corvulus*, *Graculus*, *Κροκιν*, The Crow-fish. That of *Nilus* is better than the Marine, the black is better than the

the white; and they agree better with the Stomach boyled than roasted, and they are also best when full of Spawn: They may be boyled in White-wine, Water, and Vinegar: They are preserved with a Pickle made of Vinegar, Pepper, Myrtle and Bay-leaves: or else put into hot Oyl, and then barrelled up with Pickle made of Vinegar, Salt, Pepper and Mirtle-leaves. The Stones in the Head are good against the Jaundice and Stone in the Reins.

27. *Cuculus, Cocygium, Κόκυλλος*, The Cur-fish. It is a sweet Fish, having much white and solid flesh, which is good, as Hippocrates saith, in gross and flegmatick Diseases; the lesser may be broiled, the greater fryed. Those of Montpelier boyl them in Water and Wine, and eat them with Oyl Omphamine, Pepper, Salt, Vinegar, or Juycce of Sorrel.

28. *Cyprinus, Carpio, Carpa, Lepidurus, Κυπρινός*, The Carp. It is a fat, sweet, and soft Fish. 1. The Flesh nourishes much, and is best in March; the Male being better than the Female, and the white than the yellow. 2. The Fat cures Diseases of the Nerves, and excites to Venery. 3. The two stones about the eyes are good against the heat of Fevers, cool, quench Thirst, and are good against the Falling-sickness. 4. The Carp-stone triangular found in the Head, has the former Vertues, besides which it is good against the Cholick and Stone. 5. The Gall helps dimness of sight. 6. Of the Spawn is made red Caviare.

29. *Delphinus, Porcus Marinus, Delphis, Δελφίν*, The Dolphin. It is a Fish eaten by the Dutch,

and of good account amongst the French. 1. The Liver is of a tender substance and nourishing, and helps Tertians and Quartans. 2. The Tongue is better, more tender and fat. 3. The Bowels smell and taste like Violets, and taken in powder help the Spleen. 4. The Ashes of the whole Fish applied with water, are good against Tetter, Ring-worms, Scurf, and Leprosie. They are said to live 300 years. Generate like Rationals, having a groaning voice, a sharp sight, and to love Musick and Men.

30. *Dentalium*, The Limper. It is a little Shell-fish, long, rough without, smooth within, hollow, and with a cleft on one side, like Dogs-teeth (from whence came the Name) within which is only a long Worm. It is not much used, but only in the Citrine-Oymment; the Shells are of the Nature, and have the same Vertues with others.

31. *Draco Marinus, Maris Vastator, Δρακὼν θαλάσσιος*, The Sea-Dragon. 1. The Flesh is hard and dry, but if well drest, of good Juycce and Nourishment. 2. The Ashes of the fresh Head is good against all Poyson. 3. The Bones cure the Tooth-ach by Scarification with them.

32. *Entalium*, the horn Limper. It is a Sea-fish, long like a little Horn, strait and hollow, outwardly streaked, smooth within, of about a Fingers length: It has the Vertues of the *Dentalium*, and only used in the same case.

33. *Echinus, Piscis Spinosus, Carduus Marinus, Εχίνος*, The Sea-Urchin. 1. The Ashes with Hog-lard or Boars-grease helps Baldness. 2. Their Stones drunk in Rhe-

Rhenish-wine, expels the after-birth: 3. *The Ashes of the Shells* cure filthy Ulcers. It is a Fish so full of prickles, that it cannot be held, and therefore it is called by some, *Carduus Marinus*, the Sea-Thistle.

34. *Engrasicholus, feliceps, Lycostomus*, *Ευνεγοῖον*, The Anchovy. It is of a grateful taste, strengthens the Stomach, and restores Appetite, loosens the Belly, and is good against Agues. They are attenuating, Ripening, and Digesting, warming the Stomach, if eaten with Vinegar, Oyl and Pepper; their name comes from the bitterness of their Heads, and therefore they are cast away with the Gall.

35. *Gladius*, Sword-fish. It is a very fat Fish in the back, almost like a Hog. *Aldrovandus* saith, the flesh is dry and solid, but nourishes much if once concocted. *Simon Serbi* saith, they are to be corrected with sharp Sauces. *Jovius* compares them with *Sturgeon*: And *Muffet* saith, they are whiter and pleasanter to the Palate than the Tuny.

36. *Gobius, Gobio, Cobin, Cothus*, *Κοβίον*, The Gudgeon. It is of the Nature of the Perch, and the whitest is the best; they are a good pleasant food, and of easie Digestion, nourishing much, and increasing good Blood. They are good against the Cholick arising from Cold, or Tartarous Humors: Roasted, and eaten without Salt, they are good against the Bloody-flux, and other Fluxes of the Belly; and applied, they help the bitings of Mad Dogs and Serpents. *Nicander* saith, they are good against the Poyson of *Dorycnium*

37. *Halec, Halecus, Harengus, Mauiis*, The Herring. 1. *The Flesh* is fat, soft and resolute, and being eaten, provokes Urine. 2. *The Animæ* or Bladder provokes Urine also exceedingly. 3. *The whole Fish*, being Pickled in Salt, and applied to the Soles of the Feet, draw Humours from the Head. 4. *The Pickle* is of use in Clysters against Sciatica and Dropsie; it cleanses stinking Ulcers, helps Gangrenes, Quinsies and Botches, being used with Honey.

38. *Huso, Ichthiocola, Huso* or *Isinglass-fish*. It is without Bones or Scales, except only in the Head: It is eight yards long, and weighs near four hundred pound weight. It is a Sea-fish, but usually caught in the *Danube*, coming thither for fresh water out of the Sea. 1. *The Flesh* in the Back tastes like Veal, the Belly like Pork, and being fresh is very sweet and good. 2. *The Ichthiocola, Isinglass, or Grew*, is made of the Skin, Stomach, Guts, Fins and Tail. It glutinates, dries, and softneth; is used in Gellies and Broths, with Sugar-candy: Of it is made Mouth-glew, which is sweet and glutinous; is good against Night-wheals, and serves to glew Instruments with, and Seal Letters. It is reported to help the Lethargy, but I scarcely believe it. 3. *The Eggs* serve to make a *Caviare* of.

39. *Lampreta, Alabeta, Galexia, Lumbricus Marinus, Αλαβη*, 1. *The Lamprey or Lamproun*. 1. *The Flesh* is sweet and good, and of much Nourishment: It increases Lust, and by reason of its Lusciousness easily causes Surfeits, if much eaten, and is for that

cause

cause bad, even for strong Stomachs, especially such as are Palsytick, Gouty, Aguish, and old; yet *Alexander Benedictus* prefers it before all other Fish. And *Kiraniides* saith, that eaten with their Broth, they help the Stone, Leprosie, and Scabbiness.

2. *The Teeth* worn about the Neck, help the breeding of Teeth: Their Ashes mixt with Honey, are good against Lichens and the Leprosie. These Fish are best in *March* and *April*, being then fattest, in Summer they are harder and leaner. The *Italians* bear them on the Tail till almost dead, then gagge them with a whole Nutmeg, and stop every oylet-hole with a Clove, then cast them into Oyl and Malmsey, with crums of Bread, a few Almonds blancht and minced, to correct and better their Flesh. They are about a yard long, live in the Sea in rocky places, and in the Mouths of Rivers, and weigh about twelve pound weight: They eat Flesh, and when taken, are said to fly at the Fishers. They are an Enemy to the Conger.

40. *Levareus*, The Laveret. *The Flesh* is white, soft, sweet, and of good Juyce and Nourishment.

41. *Lupus Marinus*, Sea-Hare. *The Blood* is a Psilothron, and applied with Wool, helps the *Agylops*: Uled fresh, it helps the Gout. It is reputed venomous; the Antidote is Black Hellebore and Asses Milk.

42. *Leuciscus*, *Leucorinus*, *Albicella*, *Vindosa*, *Leuonion*, The Dace. 1. *The Flesh* is soft, sweet in taste, of good Nourishment,

and Pickled like Anchoves after the *Italian* manner, are Stomachical. Some pickle them like Herrings. The *Italians* take them in Winter; but they are best in *February*, *March*, and *April*. They are excellent Food roasted and Seasoned with Salt, Vinegar, Oyl, Cinnamon and Pepper. 2. *The Fat* helps pains in the Ears. 3. *The Gall* mixt with the Fat or Oyl, is good against Dimness of the Sight.

43. *Lyra*, Harp-Fish. *The Flesh* is hard and dry, yet sweet to be eaten: they are good fryed, but best broyled in Vinegar, and eaten with the Juyce of an Orange.

44. *Locha*, Loche. *The Flesh* is very light, and excellent Nutriment; is delicate in taste, wholsom, and good for Women with Child.

45. *Locusta Marina*, *Gammaurus*, *Kægæ*, The Lobster. 1. *The Flesh* is good, sweet, Stomachical, and of excellent Nutriment. They are best in the increase and full of the Moon. 2. *The Shells* calcin'd to Ashes and drunk in Rhenish-Wine, purge the Reins, and break and expel the Stone. They are altogether of the Nature of the Crab, which see in its proper place.

46. *Lucius*, *Ese*, *Oxyrynchus*, *Λύκος*, The Pike. It is a Devouring Fish, and by some called *Lupus*, but the *Lupus* of the Ancients is another thing. 1. *The Cross-like bone* in the Head is given against the Falling-Sickness. 2. *The Flesh* is whiter, subtiler, and more excellent than that of the Carp, and is so harmless, that it may be given to sick Persons. 3. *The spawn* or *Ross* provoke both

that

Vomit and stool, and are used for that purpose. 4. *The Jaws calcin'd* given to 3j. help the Stone, dries up Ulcers in the Privities, helps the Whites, and hard Travel; and cleanses and dries up old Sores, and the Hemorrhoides. 5. *The Teeth in Powder* help the Whites, and give ease in the Pleurisie. 6. *The Grease* is to take away Coughs in Children by anointing the feet. 7. *The Gall* taken inwardly cures Agues ad N^o iij. outwardly it helps Spots and Dimness of the Eyes. 8. *The Heart* eaten cures Fevers. 9. *The Cross-like Bone of the Head*, taken, helps the Falling-Sickness: Some hang it about the Neck as an Amulet against Enchantments. 10. *The Ashes of the bones*, if salted, serve instead of *Spodium*. Those of the Sea are a delicate Fish, and much better than those of the River. They are said to live about two hundred years.

51. *Lupus*, Sea Wolf. It is accounted by the Ancients next to Sturgeon. 1. *The Liver* broil'd and eaten with the juyce of Orange, is excellent food, and a delicacy. 2. *The Flesh* eaten increases Seed, and nourishes much. 3. *The Stones* in their heads help the Megrims and Stone. 4. *The Spawn* strengthens the Stomach. 5. *The Gall* with Honey sharpens the sight, and takes away the Pin and Web.

52. *Mater Pearlum*, Mother of Pearl. 1. *The Flesh* nourishes, is Cordial, and restores in Consumptions. 2. *The Shells* have the Nature and Vertues of Pearl.

53. *Melanurus*, Black-tail. *Diphilus* saith, it is equal to the Guilt head: *Kiranides* saith, broil'd and

eaten they sharpen the sight the broth helps the Cholick.

54. *Merula*, *Merulus*, *Tinca Marina*, *Kόοτις* ♂, The Cook-fish. It is a Fish of easie digestion, and begets good Juyce. 1. *The Flesh* is good against Fevers, Epilepsie, and Epatick Dysentery. 2. In white Broth they strengthen the Stomach.

55. *Milvus*, *Milvago*, *Landola*, *Ἰέγγε*, *Ἡγεῖ*, The Keeling. They are scarcely to be differenced from the Cod, but only in name. *The Gall* cures Suffusions.

56. *Monacha*, Nunfishes. It is a shell Fish, and very delicate, of the nature of a Periwinkle: their Face is white, and their Head covered with a black Vail.

57. *Mullus*, *Mulio*, *Barbus Marinus*, *Trigilis*, *Τεῖγλαν*, The Muller. 1. It is of the nature of the Pike, strengthens the Stomach, and is good against the Cholick. 2. *The Botargo vel Botargum*. It is made of their Eggs and Blood with Salt; it strengthens the Stomach, helps the Appetite, increaseth Seed, and is good against Consumptions. 3. *The ashes of the head* with honey help gallings. 4. *The Ashes of the Ventricle* strengthen the Stomach, and help watriness of it. 5. *The Stones in their Heads* are good against the Gravel and Stone. *Dioscorides* saith, that *Mullet* eaten often dulls the Eyesight, but I scarcely believe him.

58. *Museuli*, *Mytili*, *Chame*, *Μύτλα* ♂, Mussels. The Whitest are the best, being very wholsom. Preserved in Goodrons Pickle for Oysters (made of Sea water, Wine Vinegar, Bay-leaves, Mint, Pepper, Ginger and Cinnamon), they

are as wholsom and more pleasant than Oysters. *The Broth* is opening, and purgeth the Reins, and therefore good for such as have the Dropsie, Jaundice and Gout: The shells have the Vertues of other shells, being prepared in the same manner.

59. *Mustela, Gobius Fluvialis*, Eel Powt. 1. *The Flesh* is white, firm, sweet, and of good Nourishment. 2. *The Spawn* is hurtful and causeth vomiting. 3. *The Ventricle or Stomach drunk*, helps the Cholick, all the Vices of the Womb, and expels the Secundine. 4. *The back-bone powdered*, Schroder saith, cures Epilepsies. 5. *The Liver* is most sweet and delicate Food: hung in a Glas and set in the heat of the Sun, Bath, or Sand, it turns to a yellow Liquor good against Substitutions of the Eyes.

60. *Oniscus, Albula, Mollicula*, Oyster. The Whiting. Physicians affirm this Fish to be the whitest and lightest of all Fish, and so harmless, as it may be given to sick Persons. *The Liver* is nutritive, good in Consumptions.

61. *Orbes, Balaus, Rorundus, Lumpus*, Lumps. They are warrish, raw, and flegmatick like Thorn-back half foddens: and are best eaten pickled like Surgeon.

62. *Ostrea, Ostreum*, Oyster. *Oscetor*, The Oyster. 1. *The flesh* nourishes as much as any Fish whatever, and that without danger of surfeiting; it increases feed, and restores such as are in deep Consumptions, it strengthens the Stomach, causes Appetite, and breeds good Juicy, being light and easie of digestion. The fattest are taken in salt wa-

ters, and the best are our *Walfeet* and *Colchester Oysters*. They provoke Urine and Stool, help the Cholick and Dropsie, being best, and most wholsom eaten raw: stewed, they are hard of digestion, bind the belly, and stop the Urine. 2. *Pickled Oysters* are best for cold, raw, and squeasie Stomachs; see the Pickle in Sect. 58. aforegoing. 3. *Outwardly the raw Oyster cures* Plague-Sores by attracting the Venom into it self. 4. *The Shells* in powder cure Heart-burnings, and all manner of Fevers, are an excellent Cordial, resist Poyson, Plague, and Putrefaction, cheer the Spirits, and strengthen the Balsam of Life. 5. *The Magistery* of the shells performs the same things: It is made as that of Coral: which see in our *Synopsis Medicinæ*, Lib. 3. Cap. 54. Sect. 4. & 6. 6. *The Ashes of the Shells* helps Ulcers of the Lips, and whiten the Teeth: a Lixivium made therewith, helps Oedematous tumors of the knees and feet, for it dries, digests, and heats.

63. *Passeres, Platissa, Plateisa, Ansonit, Ensis, Dreus*, Plaice, they are of good Nourishment, but more warray than Soles: the best Plaice have the blackest spots, as the best Flounders have reddest. The Marine are best.

64. *Pestinas, Glorinus, Opistho Kentros, Teogon*, Fork fish. 1. *The Liver* sod in Oyl, helps the Leprosie and Ring-worms. 2. *The flesh* is eaten by poor people, but is scarce wholsom. 3. *Their Radix* is poysonous, which being cut off, with the Head and Tail, they may be eaten without danger. *Their wounds* are venenous, causing

causing Stupidity, Convulsions and Death, but are cured as Vipers.

65. *Pellunculi*, *Novacula*, *Κριβες*, Cockles. They strengthen the Stomach, increase Appetite, excite Lust, provoke Urine, help the Cholick, and restore in Consumptions. Their shells are of the nature of the Muscle-shells.

66. *Perca*, *Perscinus*, *Πέρων*, The Perch. They are an excellent sort of food, and wholsom; very good against Fevers. *Aldrovandus* saith that the Stones in their Heads, near the beginning of the Back-bone, breaks the Stone in the Reins.

67. *Phoca*, *Bocas*, *Vitulus* & *Bos Marinus*, *Φώκη*, The Sea-Calf. 1. The Flesh is soft, and very farinourishing much, and therefore quickly satiates; eaten, it helps the Epilepsie, Suffocation of the Womb, as *Avicenna* affirms. 2. The Fat is very good (as *Hippocrates* saith) against Womens Diseases inwardly and outwardly used: It also helps the Leprosie, and *Memegra*. 3. The Rennet helps the Falling Sickness.

68. *Phocæna*, *Tursio*, *Porcus marinus*, *Πισκατορ*, *Φοκαίνα*, The Porpoise Sea-hog. 1. The Flesh is sarter than that of the Dolphin, but not so good: the Gentry bake it as Venison; but tis no pleasant food.

69. *Polypus*, *Onus Multipes*, *O-nestus*, *Πολύπους*, The Poulp. *Aetius* and *Ægineta* say, they nourish much, and exceedingly provoke Lust: being boyled in Salt Water and Wine, with spicy herbs, it is a more wholsom and dainty Fish than a Maykril. The ashes of the Poulp with Vitriol, help the Polipus: and given in Rhenish-wine, provoke the Terms, and cause Conception.

70. *Purpura*, *Roncera*, *Ungella*, *Πορπύρα*, The Purple. It is also-gether of the nature of other shell fish; being boyled they make thick broth, which is excellent in Consumptions and good against Poyson. The Shells in powder, dry up malign Ulcers, and cause Conception, being of the nature of other shells.

71. *Rata*, *Papilio*, *Rubus Piseis*, *Βάτ*, Thornback. 1. The Flesh is very moist, increases Lust, and restores in long and deep Consumptions. 2. The Liver is very sweet, and has the same vertues. 3. The Gall cures Diseases of the Ears, and the Itch.

72. *Raiola*, Maides, a kind of young or little Scare; they are good for such as have spoiled themselves with much wantonness: they are of the others nature.

73. *Remora*, The Suck-stone. *Aldrovand* saith, they prevent Abortion; and some report, that by their magnetick Vertue they can stop Ships.

74. *Rhombus*, *Turbatus*, *Λίνδα*, The Flounder, It is an excellent Fish, and of good nutriment, strengthens the Stomach, and causes appetite: they help the Spleen.

75. *Rana Aquatica*, *Diabolus Marinus*, *Βάτραχος*, *Βάτραχος*, The Water Frog. That which is green is best; the spotted are venomous and dangerous. *Dioscorides* saith, that eaten, and their broth drunk, they are an Antidore against the Poyson of Serpents, laid alive to Carbuncle or Plague-Sore, till it dry, it draws out the Poyson, which you may repeat, till the Frog may be applied and live: held in the hand,

they cure Fevers, and applied, help the Gout and Erysipelas. 2. *The Broth* used as a Gargarism helps the Tooth-ach. 3. *A live Frog* laid to the belly of one that has the Cholick, will draw the Disease from the sick into it self. 4. *The Gall* eradicates hair after evulsion, cures sore Eyes; and burnt and given to ss . cures Quartans. 5. *The Heart* applied to the back-bone in a Fever or Ague, cures it; but some apply it to the heart or stomach, you may do both. 6. *The Liver* dried and powdered cures Quartans and other Agues, as also the Falling-sickness; give it, the Luminaries in conjunction in Cancer. 7. *The Fat* dropt into the Ears helps pain and deafness. 8. *The Spawn* is cooling, Segnotick and Anodyne: It kills the Itch, Tetters, Ring-worms, helps Burns, Scalds, Inflammations, Erysipelas, red Faces, and the Gout; stops the Flux of the Hemorrhoids, Terms, Whites, Gonorrhea &c. 9. *The Ashes of the whole Frog* stop bleeding, and with Tar baldness. 10. *Distilled water from the whole live Frog*, taken in the beginning of April, has all the Vertues of the Spawn aforesaid. Where note, that in the distilling of Frogs and their Spawn, Snails, Worms, &c. You may put them into a Linnen Cloth and hang them in the middle of the Still, so distil by Vapors, otherwise the water will stink. 11. *Distilled water of the Spawn*, It is drawn by an Alembick from the Sperm taken in March, to which you may add the Salt from the *Caput Moruum*; it has the Vertues of the former water; besides which, it stops Blood, cures red Faces and

defects of the skin, as also Erysipelas, Gangreens, and Ulcers in the Bladder. 12. *The Powder of the Frogs or Spawn*, is made by reducing of the remainder, after the waters aforesaid are drawn off. Taken to ss . it helps a *Gonorrhea*, malignant Ulcers, and all Inflammations and Gangreens, as *Fabricius* saith.

76. *Rutilus*, *Lentiscus fluviatilis*, The Roche. It is a healthful Fish, not subject to any Disease, whence the Proverb, *As sound as a Roche*; but their being so full of bones, makes them to be less regarded. *Aldrovandus* saith, they excite Lust, and cure Fevers.

76. *Salmo*, $\Sigma\delta\lambda\alpha\gamma\gamma\epsilon$, The Salmon. It is preferred, as *Aldrovandus* saith, before all Fishes, whether Marine, Fluviate, and Lakish. It is wonderful sweet, and of extraordinary nourishment, and therefore (unless eaten moderately) causeth Surfeits. It restores in Consumptions, and if pickled like Sturgeon, strengthens the stomach much, and provokes to an Appetite. The *Salmonculi* or Shuins, are yet lighter food, and eaten as the other.

78. *Scombrus*, *Maracellus*, *Piscis Iberus*, $\Sigma\kappa\omicron\mu\beta\rho$ ☉, The Mackrel. *Ælian* saith, it helps the Jaundice. 1. *The Liver* eaten helps obstructions of the Liver.

79. *Scorpio Marina*, *Spinula*, *Rosassa*, $\Sigma\kappa\omicron\rho\epsilon\mu$ ☉, The Scorpion Fish. 1. *The Ashes of the whole Fish* is good against the Stone. 2. *The Gall* helps dimness of sight, provokes the Terms, and brings away the After-birth. 3. *The Broth* with Oyl and Salt loosens the

the belly. 4. *Their Stone* cures the Stone in the Reins and Bladder. 5. *The Flesh* is good against Flegmatick Diseases.

80. *Sepia, Opistholia, Σηπία*, The Cuttle-fish. 1. *The Flesh* in old time was used for Food, and in some places is still. 2. *The Blood* is as black as the blackest Ink; taken inwardly, it loosens the Belly. 3. *The Spawn* provokes Urine. 4. *The Bones* in powder given to 36s. cure the Gonorrhæa, Stone and Asthma.

81. *Serpens Marinus, Sea Serpent*, *Belluensis* saith, it is edible; and *Pliny* saith, that with Lilly-roots, it helps the incontinency of Urine.

82. *Silurus, Glanus, Solaris Piscis, Γλάνυς*, The Sheath-fish. It is eaten both fresh and salted as Sturgeon, but the Vein on the back is to be taken out: they grow till they weigh near 200 pound.

83. *Solea, Lingulaca, Sandalium, Ψήλα, Βέγλοη*, The Sole. It is of the nature of the Place and Flounder, but the more Excellent Fish.

84. *Squatina, Squarus, Celtes, Pinn*, The Skate. It is altogether of the nature of Thorn-back, but stronger, and is good against Consumptions. 2. *The Oyl of the Liver* helps the hardness of the Liver. 3. *The Ashes of the Skin* helps running Ulcers of the Head and baldness. 4. *The Skin* is used as a File to polish Ivory and Wood with, from whence they are called also *Lima Vellæ*. They often copulate with the Thornback, and grow till they weigh about 160 pound.

85. *Squilla, Scylla, Gibba, Kæis, Kæislov*, The Shrimp, Dissolved

in Chicken-broth, they are as Restorative as the best Crabs or Lobsters, and so eaten cure Consumptions. They serve as a bait to catch Mullers and Pikes with.

86. *Sturio, Stora, Aquipenser, Ἀκτινόστερ, Γαλαξίας*, The Sturgeon. It is an excellent Fish, and the Female are best when full of Spawn. 1. *The Liver* is so sweet, that without some of the Gall, it causeth loathing. 2. *The Flesh* clears the Voice, is strengthening, and by *Cardan* is equalled to Veal, if not much better: applied with salt, it draws out things got into the Flesh. 3. *The Pickle* in a fomentation helps the Dysenteria, and cures putrid Ulcers in the mouth. 4. *The Fat* cures Kibes. 5. *The Bones* cure the running Gout and the Cholick. 6. *Their Spawn* with Salt makes *Caviare*, which nourishes, increases Seed, and excites Lust: They swim fastest against the Stream, and grow till they weigh about 100 pound weight.

87. *Thunnus, Mordyla, Auxus, Orcynus, Pelamides, Θύνν*, The Tunie. It is best when leanest, for this Fish will grow so fat, that its belly will burst. 1. *The Fat* serves to make Train Oyl for Clothiers. 2. *The Flesh* is sweet, of great Nutriment, and Restorative; but is not good for such as have the Gout or Epilepsie.

3. *The Blood, Gall and Liver* are Depilatories. 4. *The Ashes of the Head* cure Sores and Boils in the Privities.

88. *Thymalus, Thymus Piscis, Aschia, Temarus, Θάγρ*, The Grail.

Grailing. It is a good Fish, and said to be better than a Trout. 1.

The Gall cures noise, pain and deafness, being dropped into the Ears; it causeth Fluxion, and kills Worms. 2. *The Fat* cures Deafness and heals Wounds: and *Gesner* saith, mixed with Honey, and a drop dropt in daily, clears the eye-sight, helps lippitude, redness, and spots in the sight; takes away Freckles, and fills up the pits of the Small Pox.

82. *Tincha, Toncha, Merula Lacustris, Τένχω,* The Tench. It is of no extraordinary good Nourishment: but slit and laid to the Wrists and Soles of the Feet, they cure Fevers, and draw away the heat and venom of the Disease, and are therefore good in the Plague. 2. *Live Tenches* laid to the Navel of one that has the Jaundice, one after another, till they die, cure the Sick, and turn yellow. 3. *The burnt Tench*, chiefly *the Skin*, being drunk, *Schröder* saith, he has known to cure the Whites in Women. 4. *The Gall* helps Pain, Noise, and Deafness in the Ear. 5. *The Stone* in the Reins and Bladder, expels it.

90. *Torpedo, Stupefator, Stupefcor, Νάρεν, Τερενδινά.* The Cramp-fish. Eaten, it loosens the Belly, helps the Dropic and the Consumption, applied to the head, it eases the pain thereof, viz. the black. The same helps the Gout, being trod on, till the Stupidity reach the knee. Their skin is slippery, mouth upward and little, having no Tongue, and but small Eyes: they bring forth (by report) about fourscore young, and hide them in the Mud to stupify

other Fish, which they do at a distance.

91. *Triches, Clupea, Shads.* It is a good pleasant fish, but so full of Bones, that it is dangerous to eat without great Care; it is something Hypnotick.

92. *Trutta, Aurata, Variblus, Ξυσορρεβος,* The Trout. *Aldrovandus* saith, it is equal (in goodness) to any Fish that lives in fresh Water. The Fat is very good for the Hæmorrhoides, or clefts in the Fundament.

93. *Turdus Marinus,* The Thrush Fish. *Galen* saith, it is a Fish of good juyce, and easily concocted, and fit for Food, for all sick people. *Trallianus* saith, it is good against the Pleurisie and Epilepsie. *Salvian* Orders it to be boyled in Water or White Broth.

94. *Violacea, Epelanus, Eperlanus, Berlanus.* The Smelt. It is a Fish smelling like a Violet, and *Muffet* saith, they are of the finest, lightest, softest, and best juyce of all other Fish: they are best in Winter, and when full of Spawn.

95. *Umbra, Umbrina, Sciadæus, Σκιαύα, Σκιάς,* The Umbre-fish. *Jovius* counts it of the nature of the *Sturgeon*: the Stones in the head are good against the Cholick; It weighs about 80 pounds, and swims like a shadow.

96. *Uranoscopus, Tapecon, Καλλιόρυμπος,* The Star-gazer; whether it be edible or no, is doubtful; *Hippocrates* used it against the Dropic, and other Diseases proceeding from Obstruction. The Gall is useful in Medicine above others, and cures

Suffusions in the Eyes; being that, as some think, which cured the eyes of *Tobias*: mixt with Oyl of Roses it helps Deafness,

and pain, and noise in the Ears. It is about a Foot long, looks upwards, and has a great head, like that of a Bull.

CAP. V. Of SERPENTS.

1. *Ammodytes, Ammodyta, Centrites, Centria, Apmodites.* The Ammodite. Its Poyson is not inferiour to that of the Asp, some dying of it within three hours after the Wound received, none living above seven days. The biting of the Female is most Venomous: The Antidote is Treacle drunk and applyed, as also Cinnamon, Centaury, Hart-wort, juyce of Gentian Root, wild Rue, Salt and Oyl of Tartar. It is a kind of Viper, of a Cubit long, having black spots on the Skin, small lines on the back, an hard Wart like a Horn on the upper Chap, and very fierce: Their Flesh has the same Vertue with that of Vipers.

2. *Amphisbena, Amphicaphaloz, Apisbena.* Double-head. It is a Venomous Serpent, making a Wound so small that it can scarce be discerned, causing Inflammation and a Lingring Death. It is cured like to the biting of the Viper; *Pliny* saith, that Coriander drunk and applied, is an effectual Antidote. Its Body is of an equal thickness; the eyes commonly shut; the skin rough, hard, spotted, and of an earthy colour. They go both ways.

3. *Anguis, Chersydrus, Ophis.* The Snake. (*Enhydry* is the Water-

Snake.) Whatever some affirm, their Poyson is not inferiour to that of other Serpents, when they bite, there ensuech great pain, inflammation, blackness in the wound, the Vertigo, and Death within three or four days. The Water-Snake has a malignant fiery Poyson, which forthwith disperes it self over the whole Body, which when it comes to the Heart, the Creature immediately falls down dead. Therefore it is best, if a part be bitten presently to cut it off; otherwise to apply to the place, Organy beaten with Oyl of Tartar and Oyl Olive, or Oak-ashes mixt with Barly-meal, Pitch, Water and Honey boyled to a Pultise. 1. The Liver of a Snake breaks the Stone in the Bladder. 2. The Flesh eaten, cures the Leprosie and Pox; applyed it helps Wounds. 3. The Skin boyled in Wine, and that Wine dropt into the Ears, eases the pain of them. They lay Eggs almost as big as a Crows Egg: See Serpents, Sect. 23.

4. *Aspis, Hypnalis, Sacer, Coluber, Agas.* The Asp. Their Poyson is so great, that they are not used in Medicine, but the *Chalidonian Asp* is the most Poysonous, Death strait way following. The Cure of their Poyson, is by Incisi-

on, Cauteries, Cupping, and Cocks Rumps applied, with Dilatation, Scarification, Mercury, Rue, Mithridate, Venice Treacle and Aqua Vitæ; to which add fomentation, friction and strong exercise. If the wound grows purple, green, blew, or black, it shews suffocation and extinction of the natural heat, and the part ought to be cut off. It is like to a Land Snake, but broader on the back: their Teeth are long and full of holes, which are covered with a skin that slides up when they bite, letting out their Poyson.

5. *Boa, Bovv, Anguis Caprimulgus.* The Boas. It is a Serpent which goes upon its Belly, and grows to be above an 100 foot long. It kills not Cattle till their Milk is dried up, and then it eats them, destroying whole Herds: its Poyson is like that of the Adder, causing Tumors and Swellings, and lastly Death.

6. *Cacilia, Cacula, Carula, Cophia, Surdaster, Τύφλον,* Slow-worm. It is a Creature which has a very strong Poyson. If their wound swell, prick it, and apply over it a Cataplasim of Fullers Earth and Vinegar. It is called the Blind Worm, but it hurts not, unless provoked. *Os-maldus* saith, that a Treacle is made of this Serpent against the Plague which smells like *Aqua-vitæ*.

7. *Cenchrus, Cenchrines, Milliaris, Famusus, Κενχέρις,* The Myller. It is a Serpent about two Cubits long, of a dark colour, spotted like Millet Seed, they go strait, and are therefore avoided by an oblique Motion. It is a dangerous and strong

Beast; when it seizes its Prey, it sucks the Blood, whilst it beats the Body with its Tail: after their biting there follows putrefaction and rottenness, drowsiness, sleepiness, Lethargy, Cholick, pain in the Stomach, Liver and Belly, killing in about two days, unless a Remedy be applied. The Cure is like that of the biting of the Viper.

8. *Cerastes, Κεράσις,* The Horned Serpent. It is a yard long, of a sandy colour, with two Horns, and Teeth like a Viper. Its Poyson is deadly, if a Cure be not applied in time: For the Patient has about the Wound hardness and Pustules, it grows black, earthly and pale, he grows mad, his eyes dim, and Nerves immoveable, having a scab on the Wound, and a continual pricking as with Needles. The Cure is by cutting off the Flesh to the Bone, or cutting off the part: you may apply Goats Dung boyled with Vinegar, Garlick, Salt, Honey, and juyce of Rue, with Wine.

9. *Chelydrus, Druina, Ilicinus, Querculus, Cherisidal, Δρυίς,* The Druine. It is among the first rank of Serpents for Poyson. Its very smell so stupifies, as that it almost strangles a man, Nature abhorring to draw in such a filthy and poysonous Air. Authors say, that it kills both by touch and smell. The Cure is as that of Vipers. It is a Serpent of about a yard long, full of Scales, under which breed a sort of Flies which destroy it. Their back is blackish, head broad and flat, and their Captain or Leader has a

white

white Crown or Comb on his Head.

13. *Coluber, Colubra, Νέγρις*, The Adder. It is a hotter Serpent than a Snake, of a darker, blacker colour, of about a Cubit long. *Pliny* saith, that the Water in which they have been preserved alive, is good against the Poyson of Toads, put into a Crucible with Vine Branches and calcined, the Ashes are good against Wens and Kings Evil Sores. Their biting is very dangerous, causing Swelling, Paleness, and Sounding: The Cure is Venice Treacle, or Mithridate mixt with Wine, Aqua-vitæ, or juyce of Rue, with Scarification and Topicks.

11. *Dipsas, Ammoatis, Situla, Melanurus, Causon, Καύσων*, Dypsas. It is a burning fiery Serpent, in so much as that they which are bit by it, thirst most intolerably, and drink so much, till they burst: the other Signs are like those of the Biting of the Viper. The Cure is by Scarification, Cauteries and Topicks, applying Treacle, Tar with Oyl, Hens Rumps alive, and washing the part with Vinegar, raking inwardly Mithridate, or Bezoar Mineral. It is something less than a Viper (but kills sooner) of about a Cubit long: the Head and Tail are very little, small, and black; the other parts whitish, with black and yellow spots.

12. *Draco, Δράκων, דרין Tanin, דרין Darcon*, The Dragon. It hurts more by its Biting and Tail than by its Poyson: The Cure is like that of the biting of

other Beasts which are not Poysonous. The Fat of a Dragon helps creeping Ulcers, and dim Eyes mixt with Oyl and Hony: it also helps the Head ach and Leprosie, with other Scabs, and drives away venomous Beasts.

13. *Hæmorrhus, Affodius, Sabrine, Αἱμόρροπος*, The Hæmorrhæ. Its biting causes a continual bleeding Sweat, and violent torturing pain till dead; the place wounded is black, from which flows a watry humour; the Sick has a pain in the Stomach, difficulty of breathing, weakness and Convulsions, after which follows Death. The Cure is by Scarification, burning and sharp Medicines: as in that of the Dypsas. It is about a Foot long, of a sandy colour, spotted all over with black, flaming Eyes, small Head, with the appearance of Horns, having Scales rough and sharp, making a noise as they go.

14. *Lacerta, Σάρα, לחטל, נחש לטאה, Aiaia*, The Lizard. It is of a changeable Colour, and an Enemy to the Spider and Toad. 1. Their Flesh eaten is hurtful, causing Inflammation, Tumours, Head-ach, and Blindness: outwardly applied with Salt (chiefly to the Head) it draws out Darts, Thorns, and things sticking in the flesh: and it also cures the stinging of Scorpions, and wasteth Wens being applied: mixed (in Powder) with Lard, it cures Baldness, and Ruptures in Infants: so the Decoction. 2. The powder of the Lizard, if rub'd on the Teeth and Gums, it is said to make the Teeth to fall out without pain. 3. The Ashes

Asbes mixt with Honey cures Blindness. The Green Lizard living in Meadows is best, and not Venomous; but those with us in England are. 4. *Oleum Lacerte*. It is made by infusion in Oyl Olive, as that of Scorpions. This was invented by *Brasavolus*, for the Cure of red Faces, and Discolouring of Scars. 5. The Gall is a Depilatory. 6. The Eggs kill speedily, except a sudden remedy be exhibited, made of Falcons dung and Wine. If they bite, they leave their Teeth behind them, which causeth continual aking, till they are taken out. *Schroder* saith, that if cut asunder, if both parts can get together, they will unite again; or if their Eyes or Tails be pluckt out, or off, they will breed again.

15. *Lacerta aquatica*, *Savage*, *Savage* ♂ *Evre* ♂, *מכ* *Koach*, The Neute. They are venomous, and will difficultly die, by blows, but Salt kills them presently: Their Eggs are about the bigness, of a Pease. If provoked, they shut the Mouth, and stand upon their hinder Legs, till their body be all white or pale, by which is shewn their evil nature. *Schroder* says, that the powder of them rub'd on, makes Teeth fall out without pain.

16. *Pelius*, *Pelias*: Its biting causes Putrefaction, but is not dangerous, being cured by drinking Pissan with Oyl, anoynting the place with balm of *Perru*.

17. *Prester*, *Elgnide*, *אש* *Saraph*, *Prester* (that which *Junius* and *Tremelius* thinks to be the Fiery Serpent which vexed the Israelites in the Wilderiness.) It is

a hot and fiery Beast, and goes panting with open Mouth by reason of its excessive heat: their Poyson is very malignant causing swelling, inflammation, corruption, difficulty of breathing, loss of sight, falling off of the hair, and at last, suffocation of the natural life, as it were by fire. The cure is by juyce of Purslain and Castoreum, drunk with Opoponax and juyce of Rue in Canary.

18. *Ptyas*, *Πύας*, *אש* *Tziphnoni*, The most poysonous Asp, which kill by Spitting, Touch or Smell: they wound almost invisibly, and their Poyson pierces inwardly, their Prick being not much bigger than thae made by the Sting of a Bee, without any swelling; but suddenly the Eyes grow dark and heavy, pain increases in all the body, yet not without some sence of pleasure; then follows Stupidity, Blindness, Deafness, Convulsion, Vomiting and Death. It is cured as that of the Asp. It is about a yard long, of an Ash Colour, flaming and greenish.

19. *Regulus*, *Sibulus*, *Βασιλεος*, *מכ* *Peren*, The Cockatrice. It is the King, and the most poysonous of all Serpents, infecting the Air round about, so that no other Creatures can live by it: It is reported, that he Kills both by touching and sight, having so malignant a Poyson, that it casts forth a burning fume, whereby the beams of their eyes corrupt the visible Spirit, causing Suffocation and Death, they go half upright, and have a Comb like a Cock, being feared by all other Serpents, if seen or hard: but they

they hate the Weasel.

20. *Sagitta, Jacularis, Serpens Volans, Ἀχόρναις*, The Dart. *Mabiolus* saith, their Poyson causeth present Death; it scarcely admitting of any Cure. Their Gall, (lying between the Back and the Liver) mixt with the Scythian Stone, makes a good Eye-Salve by report; but I think it is better let alone. They are about three or four foot long; and will leap, or shoot themselves at least ten yards length.

21. *Salamandra, Σαλαμάνδρα, סלמנדר*, *Sambrus*, the Salamander. It is a four-footed Creature, and a kind of Lizard, black and full of yellow Specks, with a great Head: It is a bold Creature, breeds like the Viper, delights in moist places and clear Springs. They are reported to live in the fire; but that is a story; for they no otherwise live there, but by quenching of it, by a cold moist humour which issues from them; when that is exhausted, if the fire continues, they (as all other Creatures) are subject to Destruction. It is venomous as also other Serpents, and their Poyson not inferiour, being deadly, having as many Venoms as Colours. If they once bite, they never let go; if pulled away, they leave their teeth behind them; therefore they must be removed by Medicine; the Cure is by decoction of Frogs drunk, and their Flesh applied; as also Cows Milk, *Storax, Ammoniacum, Galbanum, Calamint, Angelica*. &c. The powder of their Flesh is Seprick, and takes away Corns: The Ashes of them are

good against Ulcerated Tumors of the Kings Evil.

22. *Seps, Sepedon, Selsir, Σηψ, Σηπεδόν*, The Serpent Seps. It is very Venomous, causing the part to rot which they bite, for their hollow teeth yield a malignant Poyson by Compression. The Cure is as those of the Asp, Viper, Ammodite, and Horned Serpent; you may also wash the place with a Sponge wet in Vinegar or Oxymel. They have a broad Head, slender Tail, are of many colours, and are about a yard long.

23. *Serpens, Οφίς, נחש, נחל, Nachash, Ephang*, The Serpent. It is a kind of Snake, a crafty, subtil, wise Creature: It lies hid all Winter under the Earth, or Roots of the Birch or Hazle Trees, and casts its Skin every Spring and Autumn. The World Serpent comprehends all the sorts: but here is intended the Vulgar Serpent distinct from the Viper. They are best in the Spring when they have cast their Skins, and recruited their flesh with food. The Head and Gall is cast away, because they are the Immediate Receptacles of Venom, and the Tail because it is scarcely any thing but Bones. If any one is Wounded with the Tooth of a dead Serpent, he is Poysoned; if a Dog eat the Gall fresh, 'twill kill him; but if when it is dry, he is safe: the Entrails (if the Dung and Eggs are cast away) are also without danger. 1. The ashes of the whole Serpent (the Head and Gall excepted) are Sudorifick, and Alexipharmick, or perfect Enemy

my to all Poyson and Malignant Diseases, Plague, Small-pox, French Pox, Leprosie; for the two last, *Cardanus* holds them a great Secret, as also in Consumptions: Especially if the Flesh be eaten, the Broth of it drunk, and the Back and Joynts anoynted with the Grease. 2. *The Fat or Grease* is Anodyne, Emollient and Repulsive: it helps the Gout, cures red and sore Eyes, and softens or discusses Struma's mixt with Bulls-gall: and anoynted it helps Barrenness. 3. *The Gall* laid upon the Stinging of Serpents attracts the Venom to it self, so also the Head. 4. *The Blood* is more precious than Balm, for it gives a pleasing Colour to the Face, and takes away Spots of the Skin. 5. *The Skin* tied to the Belly or Thighs causes easie Delivery; in a Gargarism it cures the Tooth-ach: The Ashes of it mixt with Oyl of Roses and dropt into the Ears, helps the running Sores thereof: with Bulls-Gall they help blood-shotten Eyes, and the Itch; as also the falling off of the Hair. The Ashes of the Skin, given with Oyl of Roses, helps the bloody Flux and *Tenasmus*. 6. *Bezoardicum Animale*: Be a Serpent skin'd (the Head, Tail, Guts and Gall being cast away) wash and dry it, then powder it with the Back-bone. It has all the aforesaid Vertues, and a most famous Antidote against Poyson, French-Pox, Leprosie and Consumptions; Dose a ʒss ad ʒi: where note you may dry the flesh in B.M. with a gentle fire, till all the fat and moisture is consumed and then Powder it. 7. *Bezoardicum Animale Compositum*. Be of

the aforesaid Powder ʒj. Roots of *Valerian*, *Angelica*, *Virginian Snake Weed*, *Contrayerva*, ana ʒss, make them into a powder and mix them: it has all the former Vertues: dose ʒss ad ʒj. besides which it is good against the Poyson of Spiders and Arsnick. 8. *Tinctura Animalis*. It is extracted from the dried flesh with S. V. or Spirit of Rosemary; *Quercetan* does it with Spirit of Juniper. It resists all Putrefaction, and opens all Obstructions, is excellent against Fevers, given with a little Rosewater, Cinnamon water, and white Sugar: It restores in Consumptions. The Heart, Liver, Flesh and Bones, are a precious treasure, free from Venom; so that they need no Correction, and of so great strength, that they need not be exalted.

24. *Vipera*, *Ἐχίς*, *שֵׁפִיפּוֹן*, *Shephippon*, The Viper. It is a Serpent that brings forth alive, exceeding other Serpents in Venom; sleeping all Winter under the Earth or in Rocks. *Schroder* saith, he opened a great Serpent in Finland, which had living young within it, but I rather believe him to be mistaken, and that it might be an over-grown Viper, of a strange colour; for to our knowledge Serpents lay Eggs; and we opened two, which had more than a dozen Eggs a piece within them: so that it stands against Reason, that one and the same kind, should bring forth both ways. The young Females are the best, being taken in the Spring, after they have been a while out of their Dens. Vipers have all the same Vertues with Serpents aforesaid, save only Vipers

Vipers are stronger ; and they have also the same Preparations. In the Viper there is nothing venomous but the Head and Gall : The Flesh, Liver and Bones have no Poyson in them. 1. *The Head* of the Viper is used as an Amulet, to be hung about the Neck, to cure a Quinsie. 2. *The Flesh* is hot and dry, and purges the whole body by Sweat ; and being eaten or drunk, it cures the French Pox, and the Leprosie. 3. *The Broth* of them performs the same things, eating half a Viper at once, and fasting five or six hours after it ; so also they cure all old Ulcers and Fistula's, clear the eye-sight, help the Palsie, and strengthen the Nerves. 3. *The Ashes* of their Heads mixt with a thick Decoction of bitter Lupius, and used as an Oynment to the Temples, stops Rheums falling into the eyes, and helps their dimness, and is an excellent thing against *St Anthony's Fire*. The Fat or Grease mixt with Honey, is an excellent thing to clear the sight. 6. *The whole Viper* in powder (the Head and Gall excepted) cures perfectly the Gout, Kings Evil, taken twice a day to 3ij. or more. 7. *Oleum Viperarum*. & Black Vipers ʒiij Oyl of Jessamin ʒij. boyl them in a close Glass, till the flesh falls from the Bones ; or you may make an Oyl of them by Descension. It cures the Gout, Palsie and Leprosie, cleanses the skin, and helps all the Defects thereof. 8. *Viper Wine*. It is made by drowning live Vipers in the Wine. It cures Leprosies and the French Pox. 9. *Powder of Vipers* Compound. It is made as that of Serpents, and has all the same Vertues. 10. *Quintessence of Vipers*.

It is made as we have taught in our Dor. Med. Lib. 2. Chap. 8. Sect. 2. and is very powerful against Leprosies, the French Pox and all Impurities of the Plesh and Blood. 11. Essentia Viperarum. & Of the Livers and Hearts of Vipers, ana. dry and bruise them, and extract a Tincture in 7 days with S. V. rectified : to ʒij. of this Tincture add of the fixed Salt ʒss, mixt with the Flegm and Spirit of Vipers, drawn off by distillation : of the Volatile Salt ʒj. digest till they are united ; so have you a most ennobled Essence of Vipers, powerful to all the aforesaid intentions. Dose ad ʒij. It is a most excellent Medicine, Dissolves all Excrements and Coagulations of Humors, Dissolving, Putrifying and Cleansing like Soap ; carrying out every ill by Urine, Sweat, or insensible Transpiration, curing all sorts of Gouts, the Stone in both Reins and Bladder, Leprosie, French Pox, Scurvy, Melancholy, all Obstructions and Putrefaction, loss of strength, decays of Nature and Consumptions, so that as it were, it even renovates a Man, by taking away what is contrary to Nature, and adding what is requisite. 12. Spirit, Oyl Volatile and fixed Salt of Vipers. & Dried Vipers with the Liver and Hearts, cut and gently bruise them, put them into a Retort, from which distil gradatim into a large Receiver ; so have you a flegm and spirit, and then a Volatile salt, sticking to the neck of the Retort, and sides of the Receiver ; and at the last a thick stinking Oyl, which separate. Purifie the volatile salt in a long glass, and sublime it by an Alembick and Sand, with a gentle

gentle fire, lest any humidity should follow, as is usual if the fire be increased. This salt is wonderful piercing and volatile, and therefore ought to be kept close in a glass, with a glass stopper: from the *Caput Mortuum* you may make a fixed salt the common way. The Volatile Salt and Spirit are wonderful Medicines, they resist Putrefaction, open all obstructions, cure Quartans, and all sorts of Fevers, given an hour before the Fit, in a convenient Vehicle, to allay the sharpness, as in the Emulsion of Almonds with a little Rose and Cinamon-water and white Sugar. Dose of the

Volatile Salt is a gr. vj. ad x or xii. Of the Fixed a ʒss ad ʒj or ʒss. The biting of the Viper is mortal, and kills within 3 days at farthest, if not speedily cured: the poyson is universal, as if the body was set on fire, with Convulsions, Weakness, cold Sweat, Vomiting, and then Death: at first the poyson may be sucked out; by applying the *Anus* of a Hen to the part after Scarification, or else a Plaster of Garlick, Onions, and Venice Treacle, drinking French Wine, Garlick Broth, and taking Mithredate, Bezoar, Mineral and Myrrh, &c.

C A P. VI. Of INSECTS.

I. **A**pes, Solisquæ, Mellis Mater, *Mé. 174.* The Bee. 1. The whole Bee in powder given inwardly provokes Urine, opens all stoppages of the Reins and breaks the stone: they are good against Cancers, Scirrhus Tumors, the Kings Evil, Dropsie, dimness of sight; for being taken a good while, they waste the Humour, and restore health. So their ashes, both made into an Ointment with Oyl of Roses and Rats dung, cause hair to grow speedily in bald places 2. Honey is hot and dry, Cleansing, Opening, Pectoral, Expectorick, Diuretick, Analeptick, and a resistor of Putrefaction. 3. Clarified Honey it is clarified by the white of an Egg: this make the White into a Glare by beating, which mix with the Honey

alone, but if the Honey be very foul with two or three times its quantity of water, then make them boyl all together, that the filth may cleave to the White of an Egg, which separate by skimming it, and then streaming. But *Kunrath* saith, this way looses the Spirits; and therefore he orders the Honey with the Combs to be put into an Hippocras Bag, and to hang in a stove to drop out. It has the Vertues of the former, besides which it clears the Eyesight. 4. *Spiritus Ardens* & *Tinctura Mellis*. B. Honey if put it into a Glass or Stone Cucurbit with Rhenish Wine 1b. ij. which place half way in a Sand Furnace, sitting to it a Glass head and receiver: give a good fire, and continue it, till all be drawn off, and there remains a

very

very black thick Honey or Feces: the first Liquor that comes is the clear transparent and burning Spirit of Honey with S. V. which is but little in quantity: the other is an Orange coloured Liquor, which contains the Slegm of the Wine with the Sulphurous Tincture of Honey. This Spirit and Tincture cure all Diseases of the Eyes, cause Hair to grow, extracts the Tincture of Coral, opens all inward Obstructions, expels Urine, and breaks the Stone. 5. Spirit and Oyl of Honey. Be the former feces, Flint, Sand or Pebbles calcined, ana; put them into a Stone retort well luted, which fix in a reverberatory furnace; sit it to, a capacious Receiver, to which give a gradual fire, which increase to the last degree, for some hours; till all is consumed, so have you a spirit and sinking Oyl: both which cure balanets, and fits of the Mother. 6. Tinctura Mellis fetida. Upon the last feces put S. V. till it be 4 or 5 fingers above the matter, digest in a matraß or double vessel in sand, so have you a fetid Tincture, as red as Claret. It has the former Vertues. 7. Aqua, Spiritus & Oleum Mellis, Schroderi. Be. honey Bj, Salt, Powder of Flints, or Sand zvi (to prevent burning) distil gradually in a Retort, so have you a white and yellow water, an oyl and spirit, which rectifie, or pur the waters upon fresh Honey and then rectifie. The white and yellow Waters cure the Pin and Web, Baldness, and serve to extract tincture of Stones and Corals, and inwardly open all Obstructions, provoke Urine, and break the Stone. The Oyl will burn like S. V. and is excellent if it be cir-

culated some days therewith: for after Separation of S. V. the Oyl remains very pleasant, and cures Gun-shot wounds, corroding Ulcers and the Gout; and if mixt with Ol. Camphora, takes off all freckles and spots. 8. Aqua Mellis Oswaldi. Putrifie Honey with the Comb in Dung, which Dung change every day for three days; then distil, and you have a water first white, then yellow. The first beautifies the skin; the other clears the eyesight, and cures Baldness. 9. Oleum Mellis Compositum. Be. Honey ℥ij, Vitriol calcined ℥j. S. V. rectified ℥ss, Tatar ℥ij, which put into a Retort and distil, first you have a slegm, then a spirit. It cures pains of the Gout by bathing, and taken inwardly opens Obstructions. 10. Tinctura Mellis Beguini. It is drawn from crude Honey (made into a paste with Sand) with S. V. so much as may cover it two fingers height, and digesting of it a day, decanting the tinctured Spirit, and pouring new so long on, till it will tinge no more, which Tinctures being put together, may be filtered, and inspissated. This Tincture is good for toed in Consumptions, for it tenderly cures them, and nourishes. 11. Acetion Mellis. Be. Honey ℥j, water A viij, boyl them to half, hang Ricket-seed therein, set it in the Sun till it wax warm, and be sharp, then distil it. It has the Vertues of the former preparations, besides which Hartman saith, it dissolves flints and other Stones, without any preceeding calcination. 12. Quintessentia Mellis. Be. Honey in the Comb, and distil from it a Water in B. M. (after it has

has been digested a month in a Pelli-
can (saith Horstius.) The remainder
digest with a gentle heat in the same
B. M. for five days; then put water
to it, and draw a Tincture, decant,
and purifie it by digestion and set-
tling: That Tincture distil in B. M.
to dryness: Of the feces by a Retort
draw an Oyl; and from the Caput
Mortuum calcined, draw a Salt
with water, which putrifie; then joyn
all together, and distil them in
Ashes, or with an Alembick, cobo-
ling eight or ten times; so have
you an high exalted volatile Quin-
tescence of Honey. It is accounted
one of the greatest preservers of
Health, and restorers of the Body
if decayed with Sickness and Dis-
eases; and is a Panacea in almost
all Distempers. It may be given
in Broth or Fragrant Wine in the
Morning fasting to Gut.x. or xij.
13. Elixir Mellis. It is made by
mixing the water with the salt, and
evaporating, then adding the Oyl,
and digesting till all be imbibed and
becomes a coagulated matter. It has
the former Vertues. 14. Hydromel.
It is made of Honey and water boyled
together and fermented. It is an ex-
cellent Pectoral, and serves to
quench thirst. 15. Wax, it is tem-
perate, of thick parts, Digestive,
Maturative, Anodyne, and Empla-
stick: taken inwardly it is excel-
lent against Dysenteries. 16. Oyl of
Wax: It is made by a glass Retort
in Ashes or Sand, mixing therewith
also Sand or Ashes, to make the Oyl
ascend the better. Thibaut advises
to take five parts of Clay or Brick
powdered to one of Wax melted; and
making them into little Balls, to put
them into a glass retort well luted;
so which lute a receiver, and giving

fire by degrees, you have first flegm
in white Vapours: then Oyl. in the
same form; which being condensed,
is a red stinking Oyl, and when
cold, congeals into Butter as yellow
as Gold; this work will last about
five hours. A pound of Wax will
yield you 14 Ounces of Butter or Oyl,
and 3ls of Flegm, you may rectifie
it by a little glass retort in a sand-
furnace, till it becomes white and
clear. It is a great Diuretick, and
may be given a gut. iij. ad vj. It
wonderfully penetrates, incides
and resolves, is powerful against
cold Swellings, the Sciatica, and
clefts in the Fundament. 17. The
Vulnerary Balsom. Macerate the
Flowers of Hypericon, and roots
of Comfry in the former Oyl.
18. Magistery of Wax. Dissolve
Wax in S.V. and then filter, so the
Wax will remain in the Paper
like Butter. It cures the Bloody
Flux given to ʒj, mixt with Sug-
gar. 19. Propolis or Virgins Wax.
It has all the Vertues of the o-
ther Wax, besides which, it has
a peculiar Vertue in Curing
Wounds.

2. Araneus, Aranea, Ἀράχνη;
Μυοχαυμία, γαλῆγῃ, The Spi-
der. It is a poysonous Insect, which
hurts by Stinging, being of divers
sorts, as the Asterius, Ceruleus,
Lycos, Myrmerton, Phalangium, &
Tarantula. 1. The Spider being
made into a Plaister and laid to
the Wrists and Temples cures
Agues, chiefly Quartans. So also
if they be put into a Nutshell,
and hung about the Neck. 2. The
least kind call'd Lycos, applyed to
the Temples, Cures Tertians.
3. They that are hurt by the Aste-
rius

rim presently rage, are heavy and sleepey, and have a relaxation of the Nerves. The *Cervulem* causeth a pain at heart, deep sleep, and vomiting: The *Myrmecion* causeth a swelling in the Wound by pain, and want of breath: The *Phalangium* affects the whole Body by heat, cold, horror, tumor, inflammation, trembling and a Diabetes: The *Tarantula* causeth singing, laughing, talking, sleeping, starting, vomiting, dancing, sweating, trembling, fear, frenzy and madness. 4. The Cure is done by bathing with decoction of stinking Trefoil and Oyl; fomenting the part with Sponges dipt in Vinegar; application of the Mullet, Lees of Wine, and juyce of Ivy: giving inwardly an Electuary made of Seeds of Tamarisk, Organy, Smallage, Bayberries, Agnus castus seed, Rue, Saffron, Vernain, Spider-wort, Houleek and Castorium: against the *Tarantula* or *Phalangia*, some use Musick, given inwardly and applying outwardly Mithridate \mathfrak{z} ij. mixt with round Birth-worth root \mathfrak{z} ij. Terræ Sigillariæ. \mathfrak{z} ss. Juyce of Citrons \mathfrak{z} j. Flies that feed on the Helmet Flower, N^o. xxij. 5. The Spiders Web helps Hæmorrhages, and other Fluxes of Blood, is binding and vulnerary; some use it outwardly against Agues and creeping Ulcers, others adventure to give it inwardly. 6. Oyl of Spiders, it is made by infusion, or boyling (the Spiders being bruised) in Oyl Olive. It is an Ingredient in the Anisebrisk Plaster.

3. *Asellus*, Millipedes, *Mulipedes*, *Tilus*, Oyl of Sows, or Hoglice

They breed in most places, under stones, &c. and being touched, gather themselves up round. 1. The whole Creature is thin and of volatile parts, digesting, cleansing, opening, and a great resolver of all Tartarous matter; They dissolve the Stone in both Reins and Bladder to a slime, and bring it away: They open Obstructions, cure the Jaundice, all Obstructions of the Urine, help the Cholick and Asthma, restore lost Appetite, and are most admirable things, being given 100 days together, or more for the curing of all sorts of Cancers and Schirrous Tumors in what part of the Body soever, the Kings Evil, old sordid and rebellious Ulcers, Convulsions, the Rickers in Children, and dimness of Sight, yea blindness it self. I have also seen a very good effect of them being used for many days in the Cure of the French-Pox, for they resolve, cleanse and putrifie to a wonder. Outwardly the Powder of them is good against Diseases of the Eyes and Ears, and the Quinzy, being mixt with Honey and applied. You may give them whole from N^o. iii. ad xij. in powder a \mathfrak{z} j. ad \mathfrak{z} j. in Rhenish Wine or Persicary Water. Schroder saith, that he seldom gave above \mathfrak{z} j. because they dissolve too much: for them which cannot take them in Powder or whole, I order them to be bruised and strained into Rhenish Wine or Ale N^o. 203. to a quart, and so to be continually drunk for a time. Some only wash them in Wine, dry them well, then powder them, and imbibe them with Spirit

rit of Vitriol, and give a gr. vj. ad x. twice a day. 2. An Oyl made of them by boyling or infusion (being bruised) in Oyl Olive, cures Deafness and pain in the Ears. 3. Applied alive, they help any swellings, and kill the Phagedena.

4. *Auricularia, Forficula, Mordella, Vellicula, Fullo, Ogo* & *Saxen*, the Ear-wig. 1. An Oyl made of them, by boyling in Oyl Olive, and applied to the Arteries of the Temples and Wrists, cures Convulsions, by causing a Fever. 2. Dried in B.M. and finely powdered, and mixt with Hares Piss, and so put into the Ears Evening and Morning, they cure Deafness.

5. *Blatta, Tinea, Elæon*, The Moth. 1. An Oyl made of them by boyling or infusion in Oyl Olive, helps deafness and cures Warts and the Leprosie. 2. The Stinking sort with Tar, are good against rebellious Ulcers, Bitches, eating Sores, Scabs, Whitlows, drawing things out of the Flesh, which are fixed in it. They hurt Bees, Bee-hives, and Woollen Clothes, and may be gathered together by Moth Mitten. Some account them the Substitutes of *Buprestis*.

6. *Bombyx, Bombax, Vermis Laniferus, Bombyx*, The Silk-Worm. 1. The whole Worms dried and powdered, and laid to the Crown of the Head, cure Megrim, Vertigoes and Convulsions. 2. Their Silk is Cordial, and revives the Heart: that dyed with Cochinele, or Kermes is more effectual, cures Wounds and stops bleeding. 3. Ashes of the Silk, cleanseth Wounds, strengthens and cleanseth the Teeth, and

prevents putrefaction. 4. *Folliculi Sericeæ vel Bombycia*, The Castes, are temperate, and strengthen the Natural, Vital and Animal Spirits: but beware of such as are filthy with their dung, or in which the Silk Worm is dead. 5. The wild Silk worm is a sort of green *Eruca*, and is as often changed as the true; which is first produced of an Egg, being a small Caterpillar, which daily encreaseth by eating Mulberry leaves, till it swell much and shine: put it into a Box it spins it self a silken Garment, till it dies, then it revives and has Wings like a Butterfly: after three days Copulation the Male presently dies, and the Female having laid many Eggs, dies also.

7. *Buprestis, Buprestis, Buprestis*, The Burn Cow. It is of the nature of *Cantharides*, causing Heat, Erosion, and Exulceration: *Ruellius* saith, They cause Lust being drunk; and are good against the Leprosie, Ring-worm and Canker, mixt with Goats tallow; and by their Septick Power they provoke the Terms in a Pessary. *Hippocrates* gave them inwardly for the same purpose, and to expel the Mola, their Head, Wings and Legs being taken away, and the remainder mixt with Myrrh, Honey, Wine and Anniseeds. But *Dioscorides* saith, they cause wind and great pain in the Stomach and Belly, but the Remedy is the same as against *Cantharides*, those being a kind of them, but bigger, having a little Head, broad Mouth, round Eyes, long Belly, and golden Wings.

8. *Cantharides, Musca Hispanica, Kyzsæis*, Spanish Flies. 1. It is produced from a Worm like *Eruca*; they are hot and dry in 4th, being Caustick, whereby they corrode, and draw Blisters; are Diuretick, and kill Worms; Inwardly they provoke Urine and the Courses, being given gr.iii, or iv, with such things as correct their Poyson: By bare application to the skin, they hurt the Bladder so much as to ulcerate it. *Hippocrates* casts away the head, feet, and wings; yet *Galen* gave the wings and feet, as an Antidote against Poyson: Outwardly they help white Pustuls in the Face, the Itch, Erysipelas, running Sores, being applied with Vinegar; and boyled with Oyl to the thickness of Honey, they help Cancers. 2. The Oyl drawn by the Spirit of Wine is excellent against the Stone, and to provoke the Terms. The Antidote is Milk of Women, Goats, or Cows, taken often, and in large quantity; Oyl, and Clysters made with fat Broth, Barly-water and Mead.

9. *Cicada, Τέφλιξ*, The Grasshopper: It is a Creature having no Mouth, only a Pipe in the Breast by which it sucks in Dew, of which it lives. 1. The Powder of the dried Grasshopper given to gr.vj. with Pepper, helps the Cholick, and difficulty of Urine. 2. The Ashes given in Rhenish Wine, or mixt with Honey break and dissolve the Stone. The Ancients used to eat them.

10. *Cicindula, Noctiluca, Nitidula, Noctuvigila, Λαμπυελ*, the Glowworm. It has wings, and shines in the dark like fire; their light is under their wings, and they are

generated of Dew. They are Anodyne, and the Powder of them made into Troches with Tragacanth and Oyl of Almonds is good against the Stone. Dose sij.

11. *Cimex, Kœus, Ἀπίς*, The Chinch, Wall-louse, Wood-louse, or Buggs. Those that haunt Beds are here meant: They are flat, red and stinking, and suck mans Blood greedily. *Pliny* saith, they are good against all Poysons, and bitings of Serpents. *Dioscorides* saith, seven of them taken inwardly before the Fit, cure Quartans. *Schroder* saith, that he knew them given with success to force away the Birth and After-birth. *Marcellus* saith, that the Powder of them cures all Fevers: their scent cures Fits of the Mother.

12. *Cochinila, Cochinile*, The Lady Bird; the delicate little Fly with hard red wings, and black spots thereon, which children in England play with. It is a wonderful Cordial, Sudorifick, Alexipharmick, and Antifebrifick, curing all Fevers, how poysonous or malignant soever, and is therefore often given in the Plague, spotted Fevers, Small-Pox, and the like, with wonderful great success. The powder of its body is a deep purple, and emits its tincture into Water, Wine, and Spirit of Wine; being not inferior to Saffron. Dose a gr. v. ad xv. vel xx.

13. *Cochlea, Limax, Κοχλία*, The Snail. 1. The Flesh cools, chickens, consolidates, is pedicural, strengthens the Nerves, cures Coughs, Asthma's, spitting of Blood, and Consumptions: Outwardly they ripen Tumours, Apoplethies,

posthumes, and Carbuncles, especially if mixt with Ox Gall, and so they heal Wounds of the Nerves, and Ulcers of the Legs, and Fistula's, cure Ruprures, and stop bleeding at Nose laid to the forehead. 2. *The Shell*, in powder are Lithontriprick, and cure clefts or chops in the hands, Lips, or Fundament, 3. *The Fat* swimming on the top of the Broth when cold, cures sore Eyes; and laid to the Forehead with the white of an Egg, stops desfluxions to them. 4. *Their slime*, which issues out, being prickt, has the same Vertues. 5. *Aqua Cochlearum*. It is distilled out of the flesh by B. M. in May, or October, and is excellent against Consumptions, and a Cosmetick. 6. *Liquor Cochlearum*. It drops from them bein cut in pieces and salted, and put in an Hippocras Bag. It is good to anoint with in the Gout, and takes away Corns and Warts. 7. *The Ashes* have the vertue of the former powder.

14. *Crabo, Craber*, *Ανθράκων*, The Hornet. 1. *Their Decoction* or distilled water, if touched on the skin, makes the place to swell, as if there was the Dropfie, or the parts had medled with some great poyson, yet without pain, the remedy is *Mithridate*, so that of Wasps. 2. *Their stinging* is cured by Venice Treacle taken inwardly, and applying outwardly Cow-dung and fasting spittle; they breed out of the harder parts of Horse flesh, as Wasps out of the softer.

15. *Culex, Zanzara, Κορυφ, Σκνιφ*, The Goat. It arises out of putrefaction, and are useless in Physick. They are driven away

by the fume of Wormwood, Fleabane or Sulphur.

16. *Eruca, Erucas, Tinea agrestis, Κόμυς, Γαζαν, The Caterpillar*, or Canker-worm. They are destroyed by the fume of Brimstone. 1. *Their Ashes* put into the Nostrils stop bleeding. 2. *Their Flesh*, or powder of it, draws Blisters, and makes the skin bare, but is said to be good against the Epilepsie. *Muffet* saith, those of Cabbages applied, cause the Teeth to fall out: *Hippocrates* saith, they help the Quinsie. 3. *Their Web* being drunk, *Jonston* saith, stops the Flux of Womens Courses; they change like Silk-worms, and at length turn Butterflies.

87. *Gryllus, Acheta, Τρύλλας*, The Cricket. It is a winged Insect like to a Locust or Grasshopper, lives in Chimneys, and warm places, and sings almost continually. They are of the nature of *Cantharides*. 1. *The Powder* of them is said to provoke Urine, and strengthen the sight. 2. *Their Juice* has the same effect. 3. *Their Ashes* are excellent against Fluxes, and help the Stone and Disury. 4. *The whole Fly* hung about the neck as an Amulet, helps Quartans.

1. *Formica, Murmos, Μύρμιξ*, The Pismire, or Ant. It is a small but a wise Creature, gathering its food in Summer in the full Moons, and resting in the new Moons: They are like a Common-wealth, and gather Corn, which they dry, and bite at both ends, that they may not grow: They wear away Stones by their assiduity, and make beaten Road-

ways;

ways; they help one another in drawing their burthens, dam out water, and bury their dead. The greater lead the way, and the lesser drag the Corn; and when dirty, they cleanse themselves before they enter into their habitations: They teach their young to labour, but expel the idle, and when they carry their grain, it is said to be a sign of foul weather. They cast up the earth over the mouths of the Caves (that the water may not enter in) wherein they have three Cells; in the one they live, in another they breed and bury, and in the third they keep their Corn. They generate in Winter, bring forth Eggs, which in Spring are Ants; when old, they grow winged, and then suddenly after die. 1. *The Ants* are hot and dry, excite Lust, and by their sharp scent, wonderfully refresh the Spirits: the greater and winged, with a little salt, cure the *Psores*, or Scab, and Leprosie. 2. *Their Eggs* help thickness of hearing, and deafness; being rubb'd on the skin, make it smooth; and taken inwardly expel wind; their Eggs with Bats blood is a Depilatory, used three or four times a day. 3. *The Acerous*, or Ant-hill strengthens the Nerves, is Anodyne, and helps Gouts, Palsies, Convulsions, and Suffocation of the Womb being applied. 4. *The Oyl of winged Ants*, by infusion for forty days, provokes Lust, and helps the Gout and Palsie. 5. *Liquor Formicarium*. Take them cleansed, put them into a narrow mouth'd Glass, stop it, set it in brown bread in an Oven, and take it out therewith, which filter and keep for use. In-

wardly it causeth magnanimity, and cures the Stone; outwardly, it helps suffusions of the Eyes, cures the Itch, and dissipates Corns and Warts.

19. *Hirudo, Sanguisaga, Βήλλα*, The Horse-leech. The great are best with a line on the back. They are used to draw blood with, but they ought first to be cleaned or purged with clean Water, and then applied to the part, it being first rubbed with Sal nitre, Blood, Milk, Clay, or Honey, then apply them: when you would remove them, cast upon their mouths, Salt, Ashes, Aloes, Vinegar, &c. and they will fall off, and then foment the part with a Sponge and warm water, or Vinegar, to draw out their poyson. *Their Ashes* are depilatory. Nine of the great Horse-leeches are said to be enough to kill a Horse.

20. *Julus, Centumpea, Τέλα*, The Gally-worm. 1. The Ashes of those in Cellars wonderfully provoke Urine. 2. *Their Blood* with the juyce of Hog-lice, take away white spots in the Eye; some of them are smooth, others hairy. They are a short kind of scolopenders, exceeding in number of feet all other Insects.

21. *Locusta, Aneis, Μεγαλίσκος, Dioscorides, גלגל, Chorgal, Gob*, The Locust. It was formerly us'd as food in the Eastern Countries, and John Baptist fed upon them: It is an Insect which has a Head like a Horse, six Legs, and Wings, being of divers colours. Hung about the Neck, they cure Quarrans. Their Eggs given to gr. xii. in Rhenish wine help the Dropsie: the fume of

the Fly helps stoppage of Urine in Women.

22. *Lumbricus*, ἡ *ἔντερος*, *Ἐλμυρίς*, The Earth worm. 1. It is a great Diuretick, Sudorifick, and Anodyne; it discusses, mollifies, increases Milk, opens Obstructions, and cures Wounds, principally of the Sinews and Ligaments; the Apoplexy, Convulsion, Palsie, and other Diseases of the Head and Nerves; are excellent in the Dropfie, Jaundice, and Gout, cure the Cholick and Rheumatisms, and kill Worms in Children. Outwardly they are good against Corns and Warts, and the Erysipelas.

2. *Aqua Lumbricorum* distilled in B. M. is excellent against the Dropcie. 3. The *Ajpes* glew together broken Bones, and draw things out of the Flesh; and *Dioscorides* saith, that mixed with Goose-grease, they help Grievs of the Ears, and are good against the bitings of Serpents and Scorpions; put into a hollow Tooth they cure the Tooth-ach; drunk in Rhenish Wine, they break the Stone, and in about three days help the Gout, and also expel the After-birth. 4. *Oyl by Coltion* in *Oyl Olive* is Anodyne, and helps pains of the Nerves and Joynts.

5. *Powder of Earth-worms* is made by drying them in an Oven. It is good to all the aforesaid Intentions, and may be given a *ʒj* ad *ʒij*. 6. *Liquor Lumbricorum*, it is made in an Oven as that of the *Pisnires* (at *Señ*. 18. above) having the aforesaid Vertue; Dose a *ʒij* ad *ʒfs*. 7. *Oleum Lumbricorum distillatum*, It is drawn from the aforesaid Oyl mixt with Raddish-water: given inwardly it

violently provokes Urine and Sweat. 8. *Lumbrici Intestinalium*, Maw or Gut-worms; given in powder kill Worms: They are killed also by Salt of Harts-horn, *Sal Cranii humani*, & *Flos Sulphuris*.

23. *Musca*, *Μύια*, *מְיָא* Zebub, The Fly. The Vulgar is here intended: Their Juyce or Powder cures baldness, and makes hair grow; so also a distilled Water from them alone, or with Honey; the same Water is good against the Epilepsie; and dimness of sight: and *Johnston* saith, dropt into the Ears, it helps deafness, made into an Oynment with Butter (by digestion in Horse dung) *Musser* saith, they ease all manner of pains.

24. *Papilio*, *Compilo*, *Avicula*, *Isiodori*, *Παπilio*, The Butter fly, given inwardly in Powder they provoke Urine. They generate in May, June and July, and lay eggs. It is a long-lived Creature after the Head is off; I pull'd the Head off from one (in the middle of Summer) that lived above thirty days, and could fly all that time: This, any that please may prove the truth of.

25. *Pediculus*, *Pedunculus*, *φείδης*, *Σιδφες*, The Louse. They are eaten by Rusticks for the Jaundice and Consumption. Put alive into the *Meatus* they provoke Urine.

26. *Pulex*, *Ψύλλα*, The Flea: They have no Physical Vertues known, but are certainly troublesome Guests: they are generated by Dust, as also of putrified Sweat: the only Remedy to destroy them is the Pulp or Decoction of *Coloquintida*.

27. *Recinus*, *Reduvius*, *Κεῖρον*, *Κυνοαῖς*, *Κυνέριον*. The Tike. It is a filthy Creature, or kind of Louse that troubles Oxen, Goats, Sheep, Dogs, &c. The Juice of those of Dogs, are a Depilatory, kill Ring-worms, the Erysipelas, and Itch. The Cure for them is the aforesaid Powder or Decoction of the *Cologuintida*.

28. *Scarabeus*, *Κόρυμβος* ☉, The Beetle. 1. It is used against pains and Contractions of the Nerves, and as an Amulet it is used against Quartans. 2. An Oyl by infusion dropt into the Ears, eases their pain. 3. The Powder of the Ball-footed Beetle, is good against the falling out of the Eyes or Fundament: Decoct in Linseed Oyl till they are consumed, and laid to the Piles, cures them. *Hartman* advises to make the Powder by drying them in a close Glass in the Sun. 4. The *Onctious Beetle* which infects what it lies upon with a far yellow Liquor, is found chiefly in Woods, and is of the nature of *Cantharides*, and almost of the same colour, having an extraordinary strong smell: they expel Urine to Blood: the powder of them cures the biting of a mad Dog, and the running Gout. Their Juice cures Wounds, and in Plasters, Buboës, and Pestilential Carbuncles, and you may make an Oyl of them by infusing them alive in Oyl Olive, to be used as the Oyl of Scorpions.

29. *Scincus*, The Sea Skink. It is a Water Insect; having yellow scales, lives upon sweet Herbs. It is *Aléxipharmick*, *Sudorifick*, *Analepäck*, and excites Lust. Dose is ʒj. *Matriolus* gives them

in Wine. They are put into Antidotes, chiefly that of *Mathioli* and Venice Treacle.

30. *Scolopendra*, *Porcus Lutosus*, *Multipeda*, *Σκωλονδρα* ☿, The Scolopender. *Musser* saith, they differ from the Gally-worm, only as a Lobster from a Crevise: they are poysonous; and as *Aldrovandus* saith, their poyson causes putrefaction: the remedy for their biting is Salt and Vinegar applied by fomentation, or wild Rue, and Horse Mint, drinking the Ashes of the Sea Crab in Wine; boyled in Oyl they are a Depilatory.

31. *Scorpio*, *Scorpius*, *Σκorpion* ☿, The Scorpion. It is almost like a Cray-fish, having little Eyes, oval Form, eight Feet, and two Arms. 1. The Powder or Ashes of them given, break the Stone, the Stone in the Bladder, and open obstructions of the Urine. Dose to gr. vj or viij in Perticary Water or Rhenish Wine, being bruised, and laid to their own stinging, they cure it; the said Powder or Ashes breaks the Stone: specifically, opens, incises, makes thin, cleanser, and resists all Poyson within the Body (which corrodes not) as also the biting of Asps, or any venomous Beast; it is excellent against the Kings Evil, Cancers, old Sores, Plague, and dimness of Sight, taken inwardly: It also kills worms, expels Wind, and helps the Jaundice. Outwardly applied with Rose Vinegar, they cure the Gout, help Inflammations, and take away Deformities of the Skin. 2. Oyl of Scorpions simple by infusion being drunk, gives ease in Pains of the Stone and Cholick. 3. Oyl of Scorpions Com-

pound,

pound, made of Oyl of Almonds, Birthwort round, Gentian, Galingal, and Bark of Caper Roots has the Vertues of the former ; anoynted on the Reins and Privities gives ease ; cures fits of the Ague, and biting of poysonous Beasts, by anoynting the back and pulles therewith : dropt into the Ears, it cures deafness and noise.

4. *Oleum Scorpionis Arthriticum.* Be Seeds of Hypericon ℥xij. infuse them a week in Sack ; to which add Venice Turpentine ℥vj. old Oyl ℥xij. Saffron ℥iiii. Flowers of Hypericon Mviiij. Bury all in Sand in a close Vessel for forty days ; then strain it, and decant till the Oyl appears, which will be as red as blood : to every pint of this Oyl put fifty or sixty Scorpions, then digest in B. M. till they are perfectly fermented ; after which strain out the Oyl for use. This used both inwardly and outwardly, is good for all the aforesaid Intentions. Outwardly in the Gout, it is a most admirable thing, and is called the great Oyl against the Gout, described in the aforesaid manner by Pona. Dose a gut. vj. ad xx.

32. *Stella marina, Sidus mari-*

nium, Ασπρη Σηδόρ, Sea-Padd. Hippocrates saith, the black drunk with juyce of Cabbage in fragrant Wine, helps the strangling of the Womb, and are good against all Poyson applyed, they are good against poysonous Wounds : and their fume is good against Pestilential Diseases.

33. *Tabanus, Asilus, Musca Callionia, Μύα,* The Ox Fly. The Worms of which they are generated, Pliny saith, are worn as an Amulet against Fevers.

34. *Teredo, Τερνίδον,* The Wood Worm. The Ashes mixt with an equal weight of Anniseeds, and a little Oyl, are good against all sorts of Ulcers and Cankers.

35. *Vespa, σφήκιον, σφήν,* The Wasp. The Powder or Ashes of them are good against Quartans, open Obstructions of the Reins and Bladder, and breaks the Stone : Some use them in all cases where Sows or Hogs-lice are used, and with the same success. Their Sting is worse than that of the Bees, and is cured by application of Cow-dung mixed with Barly-meal ; or Leaven mixt with Oyl and Vinegar.

C A P. VII. Of PARTS of Animals.

Colledge.) 1. Adeps, Axungia, Pinguedo. The fat Grease or Suet of a Duck, Goose, Eel, Bore, Hern, Grayling, Dog, Capon, Beaver, Wild Cat, Stork, Coney, Horse, Hedge-hog, Hen, Man, Lyon, Hare, Pike, Wolf, Mountain, Mouse, Leopard, Hog, Serpent, Badger, Bear, Fox, Vulture. 2. The Huckle Bone of an Hare, Hog. 3. Bezoar Oriental and Occidental. 4. Botargum. 5. Butter fresh and salt. 6. Stone from a Man's bladder. 7. Vipers flesh. 8. New Cheese. 9. Castoreum. 10. Caviare. 11. Virgins Wax, Tellow Wax, White. 12. Brain of a Hare, Sparrow. 13. Crabs Claws. 14. Renet of a Lamb, Horse, Kid, Hare, Calf. 15. Heart of a Bullock, Stag, Hog, Weather. 16. Horn of an Elk, Deer, Rhinoceros, Unicorn. 17. Skull of a Man killed. 18. Cock's Combs. 19. The Tooth of a Bore, Elephant, Sea Horse. 20. Skin of a Snake. 21. Gall of an Hawk, Bullock, She Goat, Hare, Bull, Bear, Kite, Hog. 22. Cases of Silkworms. 23. Pickle (I suppose of Anchoves.) 24. Liver of a Wolf, Otter, Frog. 25. Isinglass. 26. The Guts of a Wolf, Fox. 27. Milk of a she Ass, she Goat, Woman, Ewe, Cow. 28. Stone from a Carps head, Perches head, Ox Gall, Man's Bladder. 29. Jaw of a Pike. 30. Pearls. 31. Marrow of the Leg of a Lamb, Bullock, Goat, Stag, Calf. 32. Honey Common and Virgin. 33. Musk, Civet. 34. Mummy. 35. Swallows Nest. 36. Crabs Eyes. 37. The Caul of a Lamb, Ram, Weather, Calf. 38. The Whites, Yolks and shells of Hens Eggs, Ostrich Eggs, Emmets Eggs. 39. Bone of a Staggs Heart, Ox Leg, Cuttle-fish. 40. Inner skin of an Hens Gizzard. 41. Hares Wool. 42. Feathers of Partridges, 43. Propolis or Virgins Wax. 44. Pizzle of a Staggs, Bull. 45. Fox Lungs. 46. Fasting Spittle. 47. Blood of a Pigeon, Cat, He-Goat, Hare, Partridge, Hog, Bull, Badger, Tortoise. 48. Navel string. 49. Silk. 50. Whey. 51. Sperma Seri. 52. Ox Spleen. 53. Dung of a Goose, Dog, Goat, Pigeon, Stone-Horse, Man, Hen, Mouse, Peacock, Hog, Cow. 54. Suet of an Ox, Deer, Goat, Sheep, Heifer. 55. Cob-webs. 56. Shells of a Shell-fish, as Blatta, Bizantia, Horn-fish, Crabs, Cockles, Limpets, Mother of Pearl, Muscles, Purple-fish, Cuttle-fish. 47. Stones of a Horse, Cock. 58. Hoof of an Elk, Ass, Ox, Horse, Lynx. 59. Urine of a Boar, Goat, Boy, Man. 60. Moss of Dead Mens Skulls.

SALMON's Comment.

IT would be but *Assum Agere*, to treat of all those things again in particulars: their singular Vertues you may find under their respective heads in the former Chapters. In what follows we shall deliver the Qualities of the Chief of them in general.

1. *Fat or Grease* softens, is Emollient, Healing, Anodyne; Cleansing, Digestive and Maturation. Sows Grease is weak, Calves stronger, Hens Grease yet exceeds; Goose Grease is accounted strongest: from them by distillation, you may have a piercing Oyl of great force. Note, where you find *Adeps*, or *Auxungia* alone, there is only intended white Hogs Lard not salted.

2. *Sewers* are hot and moist in a mean, emollient, discutient, and a little binding, so more strengthening than Grease, and so are more fit to be put into Plaisters and Ointments where Healing, Drying, binding and strengthening is required: you may draw a Chymical Oyl from them, as from Gum Resins.

3. *Marrows* heat, rarify, breed flesh in Ulcers, are emollient and good against hard Schirrus and Scrophulous Tumors. Dears Marrow is accounted best; that of the Goat is sharper and drier, and less emollient: from all Marrows, especially that of the Backbone and the Brains, you may draw Chymical excellent Waters, and Oyls of excellent use to comfort the Nerves, strengthen the

head and brain, fortifie the Sense, and cure Apoplexies, Epilepsies, &c.

4. *Blood*. This the Hebrews call דם *Dam*, The Arabians دم *Dem*, from Redness, being made of Chyle, elaborated by the Veins and Liver for the Progeneration of flesh. You may draw from it a Water or Spirit, an Oyl, a Volatile Salt, and a fixed Salt, as we declare in its proper place. All blood is healing, binding, anodyne, and absterfive, stopping all Fluxes of Blood in any part, if applied: But it has particular Vertues according to the nature of the Creature from whence it is taken: The Blood of Birds, as that of a Pidgeon, Ravens, Kites, Vultures, is nitrous, cures, cleanses, breaks the Stone, and takes away Elemlishes from the Sight.

5. *Milk* is refined blood, elaborated by the *Duggs*, for the Nourishment of the *Fetus*. It is Temperate, Emollient, Anodyne, and allays sharpness. All Milk wonderfully helps Swellings and Nodes in the Joynts. Asses Milk being drunk in a Morning fasting a pint a time, and walking after it, and so constantly used for a while, helps them that have the Stone, and preserves from it: Cows Milk is the fattest, then Sheeps and Goats, but the Sheeps is thick and sweet: Cows, Asses, and Mares Milk, loosens the Belly more than other Milk: but Mares Milk is most Purging, then the Asses, then the Sheeps and the Goats: Womans Milk

Milk is most Temperate, then the Goats, Asses, Mares, Sheeps, and lastly the Cows. Of all liquid things which Man useth Milk is most nourishing, first Womans Milk, then Sheeps, then Goats, then Cows Milk. The sweetest Milk is that of a Woman, then of a Camel, then of an Ass. Asses Milk being thinnest, and less fat, is seldom coagulated in the Body, being taken fresh and hot. Salt and Honey being mingled with Milk, prevent coagulation, and causeth it to loosen the belly more, by abating or preventing the Caseous matter. And as Milk nourishes most, so is it most easie of Digestion, as being that appointed by God Almighty for the first nourishment of living Creatures. It is excellent good in Dysenteria's, Diarrha's, Asthma's, Consumptions, &c. for sore Eyes and Head-achs. It is not good in Fevers, because the unnatural heat does easily corrupt it.

6. Butter is coagulated Fat of Milk, Temperate, Emollient, and Anodyn, having the same strength and consistence with Grease. It is a good Pectoral, cleansing and healing Ulcers in the Lungs, helps Roughness, Hoarseness and Coughs.

7. Whey is cooling, loosning, cleansing, Drying, and Diuretick, and is therefore used in Cleansing and Purging Infusions, against the Scurvy, Scab, Itch, Leprosie, French Pox, &c. Dose *ab ʒvi ad ʒij or ʒij*. If it be clarified with Sage and Rosemary, it is yet more cleansing and purging: I gave it so clarified to a pocky Patient, to whom it gave more than thirty stools a day. If

it be clarified with Parsley, it is called the Italian *Pesca*.

8. *Fleshy part*, as the Heart, Liver, Spleen, Lungs, pays a regard to the like parts in Man: Outwardly they discuss and give ease: applied to the Head, they help Frenzies, Head-aches, Watchings, Vertigoes, Megrims: applied to Plague-sores or Wounds made by poysonous Creatures, they draw and suck out the Poyson.

9. The Gall is determined by most Physical Writers to be the excrement of the Chyle, yellow, sharp and bitter, separated in the Liver, and sent to its proper Receptacle, from whence it is sent to the Guts to provoke going to stool. The Galls of all Creatures are hot and dry, cutting, Cleansing, Dissolutive and Exulsi-
fice; and Specificks for Diseases of the Eyes and Ears, as white spots, Dimness, Siftations, Ulcers, Deafness, Noise and Pain in the Ears, with running matter. Among Beasts the Bulls Gall is the strongest and best: of Birds that of the Partridge and Hen. And the Galls of Birds are accounted stronger than those of Beasts. You may make of them Waters, Extracts, and Tinctures; but the most famous is the *Tincture* or *Fucus* of Ox Gall.

10. *Stones found in Animals.*

The chief of them is *Bezoar-stone*, the Vertues of which see before. Those found in the Stomach and Gall of a Bull, in a Man's Bladder, Swallow-stones, and those found in the heads of Fishes have all the same general preparations with other stones; and their

Spe-

Specifick Vertue is against the Stone in Man's body.

11. *Bones* in general, dry, dis- cuss, astringe, stop Fluxes, and are good in Fractures and Luxations of the bones and ligaments: The Skulls of all Beasts are Specificks against the Epilepsie and Apoplexy; but man's Skull is supposed to exceed. *Mans bones* burnt are admirable Arthriticks, and given in many Compositions against the Gout. *All bones* have the same preparations (and almost the same with those of horn) either by 1. Levigation. 2. Gelly. 3. Magistery. 4. Liquor or sharp Spirit. 5. Oyl. 6. Volatile Salt. 7. Quintessence, or 8. Essence.

12. *Shells or Skins* are of a saline tartarous nature, and Specificks against Gravel, Stone, and stoppage of Urine, as the Strangury, Dysury, Ischury, and all tartarous Diseases of the Lungs: outwardly they cleanse teeth, if burnt and heals chaps and cleft in the skin. They are prepared almost like Minerals, which are, 1. Either singular to themselves, or 2. by Calcination, whence comes 1. Ashes, 2. Salt (improperly called) 3. Magistery. 4. Oyl per deliquium. *Rhass* saith, that *Shoe-soles* burnt are excellent against the Cholick.

13. *Horns* are cold and dry, Specificks against Poyson, Plague, Infection, Epilepsie, Apoplexy, Suffocation of the Womb, Convulsions, and other Fits. They are prepared by 1. Levigation. 2. Calcination. 3. Precipitation. 4. Gelly. 5. Distillation, whence comes Spirit Oyl, Volatile Salt. 6. Extraction. 7. Infusion and Decoction (for they will communicate their Vertues that way.) *Horns*

are three ways calcined, viz. by burning, Vaporation and Corrosion. 1. By burning till they turn white, then black, which is best done in a Potters Furnace. 2. By Vaporation, where the horns are put into the head of the Still (almost filled with Water) that the Vapors of which (by force of fire) may pierce them, and make them white and brittle, which will be three days a doing, and is called Philosophick Calcination. 3. By Corrosion, putting thereon sharp or acid Liquors, as *Acetum*, *Spiritus Nitri*, *Aqua fortis*, *Vitriol*, (the Horns being grossly rasped) that they may be dissolved, which then precipitates into a Calx by the affusion of Oyl of Tartar.

14. *Hoofs* have the same Vertues with Horns, and the same number of Preparations, being prepared after the same way. They eminently Communicate their Vertues in Liquors by infusion; for the Scrapings of a Man's Nails into Beer or Wine, being giving immediately, makes the Receiver drunk, &c.

15. *Rennets* are concentered, coagulated or curdled milk in the Stomach of a four-footed Animal that Sucks: It is to be taken out whilst they take nothing but Milk. *Galen* saith, it is drying and digesting; being of a sharp and Saline property, and therefore has both power to Coagulate and Dissolve, and by reason of its Salt, is of a Loosening nature.

16. *Dung* of Birds (because they are always very hot by nature) is of a nitrous quality, by which it wonderfully Dissolves, Opens,

Atte-

Attenuates, Discusses, and eases pain. It consists of a Volatile stinking Spirit, a fixed Salt, a terrene part, and a watery part : out of which by distillation you may draw a Water and Oyl ; and by calcination a Salt. The chief Distill'd Water of this kind is taken from Cow-dung, and called *All-flower water*.

17. *Urine* is accounted the Serum of the Blood, consisting of Salt, Flegm, and a viscus Earth. It is a thing of great force, being hot and dry, cleansing, Discussive, Diuretick, Sudorifick and Anodyne, out of which you may prepare a Spirit, Volatile Salt, and fixt Salt, as we have taught in Chap. 1. of this Book.

Libri Secundi FINIS.

MINER ALOGIA.

Of Minerals, their Preparations, Vertues and Uses.

Liber Tertius.

Colledge.) 1. Things taken from the Sea. *Ambergrise, Sea-water, Sea-sand, Bitumen, Amber, white, yellow and black; Coral, Coralline, froth of the Sea, Spunge-stone, Pumice, Sea-Salt, Spunge.* 2. Of Earth, as *Sea-Coal, or Syrian Earth, Potters Clay, Bole, Fullers Earth, Chalk, Quick Lime, slackt Lime, Plaister or Mortar, Earth of Lemnos, Melos, Samos, Silesia, Oker, Earth of Tripoli, red Earth.* Salts, as, *Alom Catine, Roch-allom, Allom plumose or cleaving, and Saccharine, Sal Armoniack, Common Salt, Borax, Sal Gem, Niter, Tartar, Vitriol, white Roman, and Green.* 4. Sulphur, *Arsnick native, yellow and red; Arsnick falsitious or white; Bitumen, as Ambergrease, Asphaltos, Naphtha, Amber white and yellow, Oleum Tere, Petroleum, Sulphur native or vive, and Sulphur falsitium, or Caballine.* 5. Stones Precious and Medicinal, as *Eagle Stone, Alabaster, Amethyst, Amianth, Arnnenian Stone, Asteria Gemma, Beril, Bezoar, Toadstone, Caluminaris, Coral, Granate, Bloodstone, Heliotrope, Jacinth, Jasper, Jews stone, Azure-stone, Lynx-stone, Loadstone, Pearls, Onyx, Opalus, Ostiocola, Saphir, Cornelian, Snakestone, Smyris, Emerald, Topaze, Chrysolite, Talk.* 6. Metals, as *Gold, Silver, Copper, Tin, Lead, Steel.* 7. Half Metals, as *Cinnabar native and falsitious, Quick Silver, Antimony.* 8. Native Excrements of Metals, as *Chalcitis, Cobalt, Marcasite, Misy, Sory.* 9. Artificial Excrements of Metals, as *Litharge of Gold and Silver, Plumbage, Cerussa and Minium of Lead; Diphryges, Cadmia, Twia, as Pympholix, and Spodium of Copper and Brass.*

CAP. I. *Aurum*, χρυσόν, Gold, or ☉ Sol.

SALMON'S Comment.

1. **T**O cleanse the Superficies of Gold.

It is done by washing it with water and salt, or with a small *Aqua fortis*.

2. To purge it from imperfect Metals.

This is done, 1. By dissolving of it in *Aqua Regia*, which only seizes upon the Gold, letting all the other Metals alone, and then decanting of that solution, and precipitating of it; which melted will be pure Gold. 2. By melting of it with Antimony in a Crucible in a Furnace, having a circular fire, and blowing with Bellows, till the Antimony be blown off, and nothing but fine Gold remains. 3. By melting of it with Lead, and continuing of it in the fire till the imperfect Metals turn to fume, or come off like drops. 4. By Cementation, Thus: melt Gold in a Cementing Pot, layer upon layer, with Vulgar or Royal Cement; letting it stand some hours, to melt by degrees, till the base Metals be burnt away. The Vulgar Cement is thus made. R Powder of Bricks ʒj, prepared Salt ʒss, Sal nitre, Verdigrise ana ʒj. The Royal Cement thus. R Powder of Bricks ʒij, Sal Armoniack, Sal Gem, Common Salt, ana ʒj, moisten with Wine. Or thus: R Plumous Allom, Salt calcined, ana ʒj, crude Allom, Sal Nitre, Vitriol, ana ʒss, make all into a paste with distilled

Vinegar, which mix with the filings of Gold: Then make a Layer of Salt calcined, and powder of Bricks, upon which put the Gold mixt with the aforesaid Cement; over which put a Layer of the former Cement, make a gentle fire for three hours; then increase it, that the Crucible may be red hot for 4 hours.

3. To calcine Gold by Immersion.

Dissolve it in *Aqua Regia*, or *Oleum Antimonii*, or Bezoardick-Spirit of Sal nitre, or Oyl of Common Salt, Liquor or Balsam of the same, Oyl of Lead, Alcalized Spirit of distilled Vinegar, Spirit of Sal Gem, or Sal Armoniack, Volatile Spirit of Vitriol, Tartar, Blood, Urine, Honey, Antimony, Copper, Iron, Lead, &c. and then precipitating with Sal Armoniack dissolved in Spirit of Urine, or the affusion of Mercury, or Salt of Tartar, or Evaporation of the Menstruum. &c.

4. To calcine Gold by Amalgamation.

R Quicksilver ʒvj. Plates of Gold ʒj. make an Amalgama at the fire, till Smoke arises, which cast into water to make the mixture equal: then Levigate it with double quantity of Sulphur, and calcine at a gentle fire, continually stirring of it till the S and Sulphur exhale without melting or Coagulation, and the Calx of Gold be yellow:

out

out of this Calx you may extract an excellent Tincture. But *Hartman* advises, that before you burn with Sulphur, that you so often amalgamate the Mercury and Gold, and abstract by a Retort, till they will no longer mingle.

5. To Calcine Gold by Cementation.

Put filings of Gold, and lay them *stratum super stratum* with Sulphur, or common Salt, or both in a Crucible, in a gentle reverberating fire, that the Gold may not melt. Or, *B.* filings of Gold *3j.* burnt Harts-horn *3j.* beat them together; then put them into a reverberatory (or Potters Furnace) till they become of a flesh Colour. This with Harts-horn is a good Sudorifick, and as *Finkius* says, very strong: you may give 4 or 5 grains.

6. To Calcine Gold by Reverberation.

Put filings of Gold alone into a Crucible in a Reverberatory, and burn them (without melting) till they come to a Calx of a Purple colour, thin and light: or you may mix with the filings flowers of Sulphur, and then reverberate, till the Calx become as aforesaid. But often dissolutions in *Aqua Regia*, or Amalgamation does the Work as well.

7. To Volatilize Gold.

Dissolve Leaf Gold, or filings of Gold in the Bezoardick Spirit of Common Salt, rectified Oyl of Salt, *Aqua Regia*, or Oyl of Antimony, by a gentle heat (lest the Spirits should ascend too fast) abstract the *menstruum*, and add fresh, repeat it four or five times, till it is oyley: then distil this so-

lution in a glass Retort with a strong Fire, to force away the Spirits, cohobate and repeat this work till the Gold be blood red: Lastly having freed the Solution from all Corrosive Spirits, Cohobate with Spirit of Wine, Wormwood, or any other Vegetable Spirit, and distil by an Alembick; let this Cohobation and Distillation be often repeated: and the Gold will come over in a liquid form, and have all the Vertues in the most exquisite *Aurum Potabile*.

8. *Aurum fulminans*, Thundering Gold.

Dissolve filings of \odot in *A.R.* and precipitate by the affusion of *Oleum Tartari per deliquium*, so will it look white like Lime: sweeten it by washing with water, and dry the Calx gently in an Oven, or let it dry of it self.

This causes sweat being given in *gr.iii.* or *iiij.* Take heed lest it do hurt by taking fire (which it will easily do) breaking what is under it, with danger to the standers by. But you may take away the thundring Force, by boiling of it 24 hours in Spirit of Vinegar, or by levigating of it, (a little at a time) with Spirit of Sulphur, Virriol, or Salt, added by drops. The *Aqua Regia* for this work is made by dissolving of *Sul Armoniack 3vj.* in *Aqua fortis 16j.*

2. *Aurum Diaphoreticum*, Sweating Gold.

Put of the former Calx (imbibed in *S. V.* and dried) *3j.* Saffron, Bezoar Animal and Mineral, *Cochenele*, ana *3j.* Musk, *Ambergrease*, ana *gr.vj.* mix to een.

It is an admirable Cordial given

ven in Sack, is Sudorifick, Alexipharmick, Analeptick, Antifebrifick, removing Diseases proceeding from Obstructions: but it is ill for Hysterick Persons.

10. *Aurum Potabile*, Potable Gold.

By Calx of Gold made by A.R. and Reverberation to the highest brownness and porosity; add Volatile Salt of Urine, or Spiritus Telluris, which digest forty days in a gentle heat; in a Vessel close luted, till the Menstruum look red like Blood; then decant, add fresh Menstruum, and repeat this work, till they are no more tinged, put the solutions together, and digest them a month: Then in B. M. with a gentle heat separate the Menstruum (which keep for the same use again) and there will remain a red Tincture like Oyl, which is Sol made potable.

This *Aurum Potabile* may also be made by Solution of the Calx aforesaid. 1. In Spirit of Wine sharpened with Flowers of Common Salt, or Sal Gem, or Sweet Crystals of Salt, or with Sp. Salis Armoniaci, or Sp. Salis petrae. 2. In rectified Oyl of Antimony, digested, as aforesaid; which if twice repeated, the Gold will be so elevated as to be dissolved in Spirit of Wine. 3. In yellow Oyl of Lead. 4. In exalted Oyl of Common Salt, or Sulphur abstracting, and often cohobating till the Gold be dissolved, to which adding rectified S.V. four Inches above the Oyl (nor separated) and digesting two months, then abstracting the S.V. in an Alembick, and so often repeating till the Gold be elevated, you will have (abstracting gently the S.V.) a red Liquor which is

Potable Gold, which you may digest in S.V. seven or eight days; and reiterate the same work 8 or 10 times.

This *Aurum Potabile* will mix with Sack or Spirit of Wine, of which mixture you may give ʒj. at a time for several days: or you may take from 4 to 8 drops of the Medicine in any other Vehicle. It is accounted an Universal Remedy against all Diseases. It is a Sudorifick and Counter-poyson; restores in Consumptions; cures the Plague, all sorts of Fevers, Epilepsies, Apoplexies, Palsies, Megrimis, Leprosie, Scabs, Itch, Ulcers, Fistula's, and old virulent Sores which are hard to heal, reviving such as are almost dead. It is in vain to enumerate in particular what it will do, gr. vj. or viij. given in Canary, will revive such as are senseless and stupid. See our Synops. Medicinae, Lib. 3. Cap. 63. Sect. 2.

11. *Aurum Potabile D. Anthony*, Dr. Anthony's *Aurum Potabile*.

Take Gold twice purified with Antimony, which Calcine. 1. With Quick-silver and Sulphur. 2ly, With common Sea-salt melted. 3ly, With Salt of Tartar; then extract it with Sulphur of Lead.

It has the virtues of the former, give gr. vij. or viij. of it. This is the true London *Aurum Potabile* of Dr. Anthony, so much renowned and talk'd of.

12. *Aurum Potabile Clossæi*, Potable Gold of Clossæus.

By Gold ʒj. Quick silver ʒvj. make an amalgama, which beat with as much common Salt melted; Evaporate the ♀ with a gentle fire, wash

Wash away the Salt with warm water: beat the remaining Calx with common Cinnaber ziii . with Cement 3 or 4 hours in a Crucible covered with an hole at the top, till all the Cinnaber is vanish'd: repeat this, seven times with fresh Cinnaber till the Gold be like a red sponge, which sublime with eight times as much Sal Armoniack, till it be of the colour of Sandarake, which sweeten by washing; then take the Spirit of Wine twelve parts, Spirit of Salt of Tartar one part, mix them and distil them together; into which put either the aforesaid spongy Calx, or Calx sublimed, and digest till it is dissolved. If you abstract the S.V. you will have a yellow powder.

The Vertues hereof are the same with the former, being almost innumerable.

13. *Aurum Potabile Quercetani*, Potable Gold of Quercetan.

Be a light spongy Calx of Gold, from which with spirit of Vinegar draw a Tincture by digestion in B. M. which exalt by Circulation with S.V.

This is also called *Aurum Vitæ*, and is, as Quercetan says, of incredible Vertues for almost innumerable Diseases.

14. *Aurum Potabile Billichii*, Billichius his Potable Gold.

Be Calx of Gold calcined with Aqua Regia, precipitated and reverberated with flowers of Sulphur, till it becomes red: digest this Calx in S.V. coagulate and cohobate again, which repeat at least twenty times, the S.V. being abstracted, dissolve the Coagulum in Spirit or Oyl of Salt, which digest for a week, then abstract.

It has the Vertues of the former, and may be given in the same Dose.

15. *Tinctura Auri*, Tincture of Gold.

Be *Aurum Fulminans* well sweetened one part, Volatile Spirit of Vitriol four parts; digest in a warm Bath for 40 days or more: decant the red tinged Spirit, and evaporate to dryness: put to it spirit of Canary Wine with white Tartar, and in a gentle heat extract to a Rubine, which distil and bring to a consistency like powder; wash off the S.V. with distilled water, and you may dissolve it in any convenient Vehiculum: but note, if you have not the aforesaid Spirit of Vitriol, you may use this, Be Salt vj . Sal nitre zv . distil a Spirit, which mix with equal parts of Spirit of Wine, and draw off the mixture from a great Alembick.

This has the Vertues of the *Aurum Potabile*, and is strongly Sudorifick.

16. *Tinctura Auri Basiliana*, Basil Valentin's Tincture of Gold.

Be of the Calx of the most fine Gold, made by dissolution in Basilis Aqua Regia, which volatilize with spirit of Salt acuated with Spirit of Sal Armoniack: precipitate with Oyl of Tartar, or by a gentle abstraction, reverberate with Flowers of Tartar: then with redified S.V. and spirit of Salt, extract the Sulphur of Gold, which digest, and abstract gently the spirits, then dissolve it again in the aforesaid A.R. and volatilize with spirit of Wine.

But Basil sometimes joyns the said Extract of Sulphur, with the red Corrosive Spirit of Vitriol, by digesting with S.V. dulcified, so digests and dissolves, and then cohobates till nothing remains in the Still. This is

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made *Aurum Potabile*, or a Golden Liquor of great force, having all the Vertues of the former *Aurum Potabile*s and *Tinctures*. There is a Solar or Golden *Laudanum* of *Bayerus*, the way of making of which you may see in our *Dor. Med. lib. 2. cap. 8. Sect. 8.*

17. *Flores Auri*, Flowers of Gold.

To sublime Gold, you must have a silver or copper Instrument gilded, that will shut like a Box, and be opened above, having a Pipe on the side of it, by which you may cast by degrees, either *Aurum fulminans*, or the red spongy Calx, made by *Sect. 12. foregoing*, well mixt with eight parts of *Sal Armoniack*; then presently stopping the Pipe, with a gentle heat sublime, so will the flowers of Gold be elevated, and cleave to the upper part of the Box, which you may free from *Sal Armoniack* by washing.

These Flowers have all the Vertues of *Aurum Potabile*; you may give them from gr.v. to x. From these Flowers you may extract an excellent Tincture ennobled with all the Vertues of Gold, only with Spirit of Manna; or otherwise with the Spirit of Salt of Tartar one part, mixt with Spirit of Wine twelve parts, and distilled together. This Tincture is a very great Sudorifick, and causeth a filthy fetid sweat, which carries away with it the Seeds and Roots of all malignant and poysonous Diseases.

18. *Sal Auri*, Salt of Gold.

By Fine Gold 3j. purified & 3vj. make an Amalgama, and abstrakt the &; repeating the same till the Gold will take no more Mercury; or R. Calx of ☉ made by A.R. and reverberated a month; to either of these

add *Sal Armoniack* or Spirit of common Salt acuated, digest with a soft fire, decant, and abstrakt the Menstruum to driness, and there remains Kessler's Salt of Gold. Or thus. By Calx of Gold, Sea-Salt, *Sal Nitre*, *Allom*, ana ʒss. mix them, and put them into a glass stopp'd with wax, digest them in a Sand Furnace, and the Gold will be dissolved, on which put hot water, and drop in a little Oyl of Tartar, and it will precipitate into a purple powder, which sweeten; then add rectified S. V. digest six months in a close Vessel, so will the S. V. draw into it self the Salt of Gold, which decant; abstrakt the Spirit by burning or otherwise, so have you a white salt remaining.

It is a noble Diaphoretick, and may be given from gr.ii. to v. in any convenient Vehicle.

19. *Sal Auri Basilij*, Basil's Salt of Gold.

By The white Calx remaining after the Extraction of Basil's Tinctura Auri, and gently reverberate for half an hour, or something more; put to it corrosive Aqua Mellis, which will extract the Salt in 10 or 15 days digestion; decant the Aqua Mellis, and abstrakt it in B.M. so have you remaining the Salt of Gold, which sweeten by often washing of it in distilled rain water, and abstrakt, King, and then abstracting from it S. V.

It has the Vertues of the former, & may be given in the same dose.

20. To make the Mercury of Gold, according to *Paracelsus*.

Calcine the Gold by the fumigation of Mercury; amalgamate that Calx with new &, digest and abstrakt this &; then amalgamate with the same Calx, the said abstracted &, digest, and abstrakt, and repeat the

the work so often, till the Calx will melt over a Candle like Wax, which Calx will then by digestion in a gentle heat turn into Mercury. Paracelsus prescribes this way as general, to turn all Metals into Quick-silver.

21. *Aurum Potabile Grulingii*, Grulingius his Potable Gold.

℞ Calx of Gold made by reverberation to the highest tenuity, upon which put a Menstruum made of equal parts of volatile Salt of Urine, and rectified S. V. digested twelve days in B. M. with an equal and gentle heat: being mixed in a glass Vessel, seal up the Calx and Menstruum Hermetically, and digest them forty days, till the Tincture rise red as blood, which work often repeat: Put these several tinctures together, and digest eighteen days; then by distillation with a gentle heat separate the spirit, and the Gold will remain in the bottom, in the form of a moist red Oyl. This solution distil by a glass retort in sand so often till the Tincture of Gold come over of a most blood red colour, and there remain in the bottom nothing but a dry, spongy, black Earth.

This is used as an universal Remedy, for it restores and preserves the radical humidity both in quantity and quality entire, renews the natural heat, recreates and revives the Spirits, and frees the powers of the whole Body from the malignity of Diseases, keeping it safe from Corruption during the term of the natural Life. It is excellent in Apoplexies, Epidemical Diseases, Pestilential Fevers, palpitation of the Heart, and the Green Sickness in Virgins; it provokes the Terms, causes speedy delivery in Child-

birth, yet prevents miscarriage; and takes away the Malignity of Cancers, causing their speedy healing.

22. *Aurum Vitrificatum transparentis*, seu *Rubinus Solis*, The transparent Glais of Gold.

℞ most fine Gold 3℔. Hungarian Antimony as much; melt them together, then pour them out, but so, that the Regulus remain not. Reduce all into a subtil powder, and calcine them (as is usual in the vitrification of Antimony) till no more fumes arise; then stir them with a rod or spatula till they are melted, for the space of a quarter of an hour, till the greatest part of the Sol is turned into a red Glass, which put out into a brass Vessel: so have you the Rubine of Sol.

This Medicine has a wonderful force, for in gr. j. vel ij. it evacuates and cleanses the Stomach; is good against all cold Diseases, and the Dropic; expels and eradicates the French Pox, purifies the Blood, mundifies Ulcers, is powerful in the Gout, and all pestilential, malignant, and epidemick Diseases, and a Specifick in the Kings Evil.

23. *Tinctura Rubini Solis*, Tincture of the Glais of Gold.

Reduce the Rubine into impalpable Powder, upon which put S. V. rectified four fingers, digest them with a gentle heat in a close Vessel, and you shall have a famous red Tincture.

The Dose is two Spoonfuls. It neither purges nor vomits, nor causes any loathing, but potently moves sweat, being a most excellent Medicine against the most deplorable Diseases.

24. *Quinta Essentia Auri Fabri*, Faber his Tincture of Gold.

T 2 ℞ Calx

By Calx of fine Gold purified by Antimony, dissolve it in strong Aqua Regis, and precipitate with Oyl of Tartar per deliquium, which precipitate, sweeten by often washing it in Fountain Water, which dry by a gentle heat in the Sun, (not by the fire lest it kindle) this powder dissolve in rectified Oyl of Vitriol by digesting it with a gentle heat for fifteen days in Balneo, separate this rubicund tinged Spirit by inclination, and keep it in a Glass with a glass stopper (ad usum sere infinitos, saith Horstius.)

This is one of the chiefest of Restoratives, and indeed exceeds (omnia alia arcana, saith the same Horstius) all other Secrets in strengthening the Heart, Brain, Liver, and all other parts of the Humane Body, which serve for the Conservation of Life; for it has a moisture and substance agreeable with ours, and strongly resists all things, which may any ways incommode our Essence: It keeps back old Age, renews and restores the radical moisture, and, as some think, gives long life. It may be given in all Diseases; because its intention is the fortifying and defending the life against the assaults of all its enemies: It may be taken at any time in Cinnamon-water, or Broth, or Milk, upon any occasion, or in any Disease: Cujus virtutes infinitae sunt, nec libro integro comprehendendi possunt, beatissimus est Medicus qui eo uti potest ut honoris Culmen acquirat, & oculos omnium, & linguas laudes & encomia praedicantes in se convertat. Vitriolum illud ex quo Spiritus Aurum & Metalla dissolvens extrahitur ex Mercurio, per Mercurium, & deinde miris modis putrefactione

solvitur, & distillatur, & summo pere purificatur, & eo utimur. Aurum solvamus.

25. Oleum Solis vel Auri, Oyl of Gold.

By Calx of Gold made by Reverberation with Royal Cement, cleanse it, and digest it 24 hours in rectified Aqua Vitae, so shall you have Oyl of Gold Thus Paracelsus. Or thus, By of the sharpest Juice of Lemons filtered 3vj, leaves of fine Gold N^o 60. digest them in a glass Vessel with a gentle heat for four or five days, then filter and abstract the juice by distillation, and the Gold will remain in the bottom in the form of Butter. Thus Gesner.

This mixt with Wine will give it the colour of Gold: It wonderfully resists putrefaction; it also purges, and moves sweat; it cures the Leprosie, and such as have been spoiled by Mercurial Unguents. There are several other ways of making Aurum Potabile, and Oyl of Gold, which you may see in Agricola, Libavius. Syntag. arcan. Chym. lib. 2. Apocal. Hermet. part. 1. cap. 19. in Tentzelius, Quercetan. Penotus, Hartman, Hieronymus Rubeus, Andernocus, Wickerus, lib. 2. Sect. 18. and others.

26. Aurum Potabile Mynsichti, Potable Gold of Mynsicht.

By the most tenuous Calx of fine Gold, and dissolve it in the best rectified Oyl of Salt, after within a Glass Alembick abstract the Menstruum, and in the bottom you have a fine yellow Calx of Gold, take this yellow Calx and mix it with as much Oyl of Cinnamon, till it wax black and have an effervescence, then put to it the most high rectified S.V. impregnated with Tartar, to overtop it the

the breadth of four fingers, which digest till the spirit is highly tinged; decant it, and put new spirit till it will be no more tinged. To the remaining feces put new Oyl of Salt, and proceed altogether as before, repeating and continuing till the whole body of the Gold is dissolved, and made a potable Liquor: Lastly, this potable Liquor circulate either by it

self or S.V. rectifiell, till it becomes very sweet. Et hæc est prima solutio, facta absque corrosivis quæ in æternum à nemine potest in aurum naturale reduci.

This has all the Vertues of Grulingius his Potable Gold, and of Fabers Quintessence, at Sect. 21. and 24. Dose a gut. iii. ad vij.

C A P. II.

Argentum, Ἀργύρεον, Silver, or ☾ Luna.

1. TO cleanse the Superficies of Silver.

This is done, 1. By rubbing it over with a weak AF. and then immediately washing of it in fair water, and then boyling of it in water and white Tartar, with Salt, or Salt-petre.

2. To purge it from other more imperfect Metals.

This is done, 1. By dissolving of it in Aqua fortis, which only seizes upon the Silver, letting all the other Metals alone. 2. By melting of it with Lead, continuing the fire, till the imperfect Metals which the Lead turn to fume, or come off like froth or dross, which is called Litharge of Silver. 3. By casting Nitre on the melted Silver by degrees, so long till the Nitre has consumed all the Impurities.

3. To calcine Silver by Immersion.

Dissolve Plates or Filings of Silver in AF. or other corrosive liquor, then inspissate or precipitate with Salt water, or a piece of brass cast in: Silver thus dissolv'd, if set to Crystallize, will shoot into Vitriol or Crystal.

4. To Calcine Silver by Amalgamation.

8 Fine silver, Quick-silver, ana, make an Amalgama, common Salt of Vitriol a fourth part, evaporate the Mercury at the fire and wash it.

5. To calcine Silver by Cementation.

Sennertus advises to take Silver in thin Plates one part, sublimate Mercury two parts, lay them stratum super stratum, exhale the Mercury at a fire, and the Silver will remain like Rosin: Or, 8 filings of Sil-

T 3 Sil-

Silver ʒj. flowers of Sulphur ʒij. Salt ʒss, mix and sublime the mineral flowers, which add to the remaining matter, and repeat the operation 7 or 8 times, at last cast away the sublimated flowers, and wash the Calx. Or thus, ℞ Spirit of Salt, and white Tartar so much as to make a paste, with which mix the filings of Silver. Or thus, ℞ filings of Silver ʒj. Sal Gem ʒij. or common Salt ʒiiij : mix them and cement for 7 or 8 hours.

6. To calcine silver by reverberation.

℞ Calx of Silver made by AF. ʒj. Salt ʒij. Salt Armoniack ʒij. mix and reverberate ten days, then wash it.

7. To Volatilize Silver.

℞ Reverberated Calx of Silver, on which put A.F. or Spirit of Nitre, distil in a glass Retort with a strong fire to force away the Spirits, cohobate, and repeat ten times; then free the Calx from the Menstruum; cohobate with S.V. rectified, and distil by an Alembick, which so often repeat, till the Silver come over of a Sky colour in a liquid form, which has all the Vertues of Tinctura Lunæ or Argentum Potabile; you may acuate the S.V. with Volatile Salt of Urine.

8. Argentum Potabile, Potable Silver.

℞ Reverberated calx of Silver, extract it with S.V. acuated with a little Sal Armoniack, and let it be done by many cohobations. Or, take a calx of Silver calcin'd by a corrosive, extract it by rectified S.V. cohobate. It is good against all Diseases of the Head, chiefly Epilepsies, and may be given in any

convenient Vehicle, a gr. iij. ad vii.

9. Argentum Potabile Beguini, Potable Silver of Beguinus.

℞ Silver calcin'd (by Spirit of Sal Nitre with many cohobations, or by Mercury) extract it with rectified S.V. acuated with Volatile salt of Urine, filter, and coagulate.

It has the Vertues of the former, and may be given from gr. iv. to vii.

10. Argentum Potabile Kesseri, Kessers Potable Silver.

℞ Calx of Silver reverberated with flowers of Sulphur, in which put S. V. with tartar, abstract it by seven cohobations, or circulate it a Month in B.M. so have you a potable silver of a sky colour. Or thus, ℞ silver calcin'd as before, and extract the blew Tincture with S. V. acuated with a little Oyl of Vitriol.

It is an absolute Cure for the falling Sickness, and Convulsions, give a gr. ij. ad vii.

11. Tinctura Lunæ Basilij, Basils Tincture of Silver.

℞ Calx of Luna, salt calcin'd; put them into a glass body with AF. made of Vitriol and Sal Nitre, which abstract by Distillation, and cohobate thrice, the last time increase the fire to melt the matter, so have you Crystalline silver, from whence with Vinegar distilled you may extract a Lunar Tincture of the colour of Ultramarine, the body of silver still remaining, out of which you may extract a Salt.

The Vertues are the same with the former: both the Potable Luna and the Tincture are wonderful strengtheners of the Brain, comfort the Animal Spirits, and cures the Epilepsia, Apoplexia, Megrim, Palsie, and Dis-

eases

cases of the Womb. You may also extract the Tincture with S. V. acuated with the Volatile Salt of Urine.

12. *Sal Argenti, Salt of Luna.*

℞ The body of silver remaining after the former extraction, and add corrosive *Aqua mellis*, abstract and sweeten as in salt of Gold, so have you *Basil Salt of Silver*, a matter still remaining, out of which you may draw *Mercury*.

It has all the Vertues of the tincture and potable Luna, besides which it is of great force in curing of the Dropsie, and expelling all watery humours out of the Body; Dose a gr. iiii. ad. vj. It comforts and strengthens a weak stomach.

13. To make Mercury of Silver according to Basil.

℞ the matter that remains after making the Salt, which digest 40 days in spirit of Tartar; then in a glass Retort distil it from filings of Iron, into a Receiver with cold water, so have you Mercury of Luna: or you may do it by the general way of Paracelsus, in Chap. 1. Sect. 20. of this Book.

14. *Crystalli Luna, Silver Crystals.*

℞ silver plates or filings, which dissolve in A. F. and set it to crystallize in a cold place, after the usual way, so have you crystals or Vitriol of Silver. See our Dor. Med. lib. 2. cap. 10. Sect. 3. They have the vertues of the Tincture, Salt, &c.

15. *Argentum Potabile Clossæi, Potable Silver of Clossæus.*

℞ Plates of Silver, which calcine often with Sulphur, pour on water, and set it to shoot into Crystals: dis-

solve them into a Spirit, by rectified S. V. acuated with Spirit of Salt and Spirit of Nitre; digest, separate, and bring the Azure or blew tincture to a powder, which dissolve in rectified Spirit of Wine.

This is a wonderful and excellent Medicine against the Epilepsie, and most other Diseases of the head. You may also make Potable Luna after the Method of Clossæus in that of Gold; see ch.

1. Sect. 13. of this Book.

16. *Spiritus Argenti Clossæi, Clossæus his Spirit of Luna.*

℞ Of the Crystals of Silver (in Sect. 15.) being 20 times calcin'd (that it may yield its spirit the easier) or you may take Crystals made of filings of fine Silver, with ziij of water of Lillies of the Valley, acuated with Spirit of Vitriol of Copper 3j, digest 40 days in Ashes, till the Menstruum is of a greenish blew: separate this, and add more Spirit of Vitriol of Copper, and extract till the Silver is nearly all dissolved: put the Solutions or Tinctures together, evaporate, and Crystallize, which dry: put those dried Crystals into a Retort, from whence draw first a flegm and spirit of Venus, which keep apart; then with a stronger fire force over the spirit of Luna, and lastly an Oyl.

It is a thing found by experience, that this Silver Spirit takes away the falling-sickness by the roots; it specifically strengthens the head, and comforts the animal Spirits. It is good against the trembling of the Heart, Madnes, and all Melancholick Distempers. The Oyl taken in gut. iiii. or viii. in Bawm, Sage, Rosemary, or Penny Water, is

more effectual to all the purposes aforesaid.

17. *Essentia Luna*, The Essence of Silver.

Be the Spirit, Oyl, and Salt of Luna, to which put high rectified spirit of Wine, digest 40 days in a very gentle heat, abstract the spirit gently: then with fresh rectified S. V. and distilled Vinegar with Turpentine cohobate; abstract it again by a Retort, and repeat till the whole essence comes over like oyl; abstract the menstruum with a gentle heat, and keep the essence for use.

This has the Vertues of all the former: yet by the leave of the Learned, we cannot be brought to believe that ever the Spirit, Oyl and Salt will perfectly unite.

18. *Pilule Lunares*, The Lunar or Silver Pills.

Be fine Silver (without alloy) dissolve it in A.F. or spirit of Nitre, evaporate, and reduce into Crystals: put them into a glass with an open mouth in a sand heat (not so great as to melt them) and continually stir them, that the corrosive spirits of the menstruum which cleaves thereto may be abstracted. Then take off these Crystals of Luna, and Crystals of Nitre, ana, Dissolve each part in rain water; mix the Solutions, and abstract to dryness, which keep in an open Glass in such a temperate heat in sand, (that the matter may not melt) but that the corrosive spirits may be driven away: for which purpose, give time to stir the mass so long till you cannot smell any of the Spirits of the A.F. or Nitre. Lastly, with crums of white bread or other convenient body (some use Rosin of Jallop or Scammony) mix

gr. ii, iii, iv, or v. thereof, and make it into i, ii, or more pills, for a dose.

But here you must note, 1. That the Silver must be without alloy (or the Medicine will vomit much) which if the Crystals be purely white it is so, otherwise not. 2. That you stir it long both times to evaporate the Corrosive Spirits. 3. That the A.F. or spirit of Nitre be absolutely free from mixture of all other saline Spirits. 4. That you make what Pills you intend to make at once, because it intolerably blacks the fingers: This Medicament is a Specifick in the Dropsie, and Diseases of the Head, as old Head-achs, Megrims, Epilepsies, Vertigos, &c. It cures Convulsions, Palsies, and Fits of the Mother; these things it does almost to a miracle. In giying of the Pills, wrap them up in a wet wafer, pap of an Apple, or stew'd Prune, because of their bitterness: they will work without any griping or making sick, and the Patient may safely go abroad upon taking of them. In Dropsies one Dose will work sometimes two, three, or four days, it may be five or six days, yet moderately and pleasantly, without weakning the Patient, or making of him sick; but when all the water is expelled, they will scarcely work at all: but note, that by too long or often taking of them without intermission, they will weaken the Patient, and endanger a kind of incipient *Lencophregmatia*, which is prevented by intermitting their use for a while, giving them requisite

quisite extract of Juniper, Venice Treacle, or other strengthening Medicaments to corroborate the Stomach and Bowels. As to the Dose, 'tis somewhat uncertain; gr.iii. or iv. is ordinarily given, made into Pills with white bread, of the bigness of an ordinary Pea, of which you may give at night going to bed to some one Pill, to others two, and but three at most. I judge crums of bread is better than the Rosin of Scammony or Jallop to make the Pills up withal, because these Rosins (by reason of their Cathartick force) would carry the Medicine too soon out of the body, which is against the Intention. This Medicament, as the learned *Horstius* affirms, is a Specifick to the purposes aforesaid; however Diseases of the head, and old Head-achs of near twenty years standing, I have perfectly cured therewith beyond expectation.

This Medicament *Mynsicht* and *Horstius* calls *Catharticum Argentum*, and give gr.iv. or v. of the Crystals in a glass of Wine in the morning fasting, in the decrease of the Moon.

19. *Magisterium Argenti, Precipitate of Silver.*

B. of the finest silver without alloy, beaten into plates as thin as Paper, and cut into little bits ʒj. put them into a bolt-head, to which put A. F. (made of Nitre and Allom) ʒiii. let the silver dissolve without heat, which done, put out the dissolution into a Glass Bell, to which put Sea-water thick, so will the silver in short time precipitate into a snow-white powder and transparent: decant the water, and put upon the silver cold fair water, so much and so often,

till it comes off from the silver without any taste; then dry the silver in the shade, so shall you have the Magistery of Luna wondrous fair and white, which put into a glass Bottle and keep it close stopp'd for use.

This is chiefly designed for a *Fucus* for the face and skin, being the best of any yet known in the World. It heals and dries up Ulcers; the precipitate may be used either alone by rubbing the skin with it, or else by mixing of it ʒi. with Pomatum ʒij. or an Oynement made of white Virgin Wax p.i. and Oyl of Ben. p.iv. Where note, 1. That you must take fine silver without any mixture of *Venus*, otherwise your Magistery, instead of being white, would be green. 2. That Spirit of Niter alone would fill the Magistery with such an Acrimony, as would scarcely be removed: and A. F. made with Niter and Vitriol would be worse, because it would not only be yet sharp, but by reason of the Vitriol would make the Magistery black.

20. *Lapis Infernalis Argenteus, The Silver Hell-stone.*

B. Filings of fine silver, p.i. good A. F. or sp. Nitre, p.ii. dissolve in a small matrass with a long neck, luted half-way: evaporate the humidity in a circular fire to driness, having a blackish scum on it: then give a melting heat till the fume cease; take off the Matrass, and forthwith cast it into little brags or iron moulds.

It is a Caustick, remaining for ever if kept from Air: it consumes by touching warts, proud, and dead flesh, Cancers, Ulcers, &c. if you wet them with a little water: it dies hair and skin of an unchangeable black.

C A P. III.

Cuprum, Æs, Orichalcum, χαλκός, Copper, or ♀ Venus.

1. **T**HE burning of Brass or Copper.

Colledge.) Lay flakes of Brass in an Earthen Vessel, putting Salt or Sulphur between them, and so lay them flake upon flake, burn them throughly, and wash the Ashes with warm water till they be sweet.

Salmon.) Copper is one of the base Metals, which consists according to the Opinion of Paracelsus, of a yellow Mercury, Purple Sulphur, and a red Salt; generally it strengthens the parts dedicated to Generation; this preparation is cleansing, and is used in the Oppodeldock Plaister; calcine it in a Potters Furnace.

2. To cleanse the Superficies of Copper.

Moisten it with Spirit of Vitriol mixt with distilled Vinegar, and let it remain on eight or nine hours: you may see other ways in my Polygraphice, lib. 3.

3. To calcine Copper by reverberation.

It is done by burning the Filings in a Potters Furnace, which after you may beat into a Calx.

4. Calcination by Illiniton.

It is done, as Paracelsus saith, by moynting the places with the dissolution of Sal Nitre, or common Salt: the water of Sal Armoniack also extracts a Verdigrease.

5. Calcination by Immersion.

It is done by putting the filings

to dissolve in *Aqua fortis*, Oyl of Sulphur or Vitriol, which you may precipitate by warm water or a little Iron or Silver cast in.

6. The Cementation of Copper.

It is dottle by Self. 1. with Salt, Sulphur or Tartar; with Sulphur it may be done in three or four hours: with Tartar you must use the filings, from which you may make Vitriol.

7. To make Verdigrease.

It is done by a vaprous Calcination, by hanging Plates of Copper over the Fumes of Wine, so have you a *Crocus* of Verdigrease, which brush off with a Hares Foot.

8. *Aqua Veneris*, or Water of Copper.

It is distilled by a Retort from filings of Copper set some Weeks in a moist Celler, and is best perform'd in the increase or full of the Moon. Where note, That after extraction of what will come, the remainder may be put again to dissolve, and be distilled as before.

9. *Oleum Veneris*, or Oyl of Copper.

Dissolve the filings in Spirit of Salt, then Distil by a Retort, and the Spirit will ascend (having a rough or contracting taste) impregnated with the Essence of Venus.

It opens all obstructions of the Liver, Spleen, Womb, and Mesentericks; you may give it in Cinna-

mon

mon water, or Armoniack broths;
to gr. viij.

10. *Oleum Veneris rubrum*, Red
Oyl of Copper.

Of the former solutions, im-
pregnate it with Cream of Tartar,
Distil it with Aqua fortis in a
Glas Still, so shall you have colours
almost like a Peacock's Tail: first
comes forth a water, and by encreas-
ing the fire a stronger Oyl with Cry-
stals, which dissolve per deliquium,
and mix them. It is a great de-
obstructor: Dose gr. iv.

11. *Spiritus & Oleum Cupri Clo-*
fæi, Spirit and Oyl of Copper.

Viriol of Copper *℞iij*. Distil
by a Retort all the flegm off with a
gentle fire, and cohobate it often up-
on its own Colcothar, so will the
volatile spirits the better ascend;
then increase the fire gradatim for
five days, till all the first body be
brought over; separate the white
Liquor from the red Oyl, and recti-
fie them apart.

They are a wonderful Remedy
in the Falling Sicknes, after once
or twice opening the body with
the red Flowers of Antimony:
Dose gut. viij or x. in broth well
seasoned, lest it cause vomiting.

12. *Tinctura Veneris Basiliana*,
Basil's Tincture.

Be Dissolved Verdigrease in distil-
led Vinegar, filter, and abstract to
driness (let it crystallize) so have
you a pure Verdigrease or Tincture,
then with the juce of unripe Grapes
extract an Emerald like Tincture, so
lon till the juce is colourless. Of
the remaining faces you may
make Salt of Copper.

It excellently cleanses and pu-
rifies Sores and Ulcers, Fistula's,
if mixt with other convenient
Emplastick Bodies and applied.

13. *Balsamum Cupri*, Balsam of
Venus.

To filings of Venus put spirit of
Turpentine; digest in a very gentle
heat till it is very green.

It is a great cleanser, and has
the Vertues of the former.

14. *Spiritus & Tinctura Veneris*
ad curam Epilepsiæ, Spirit and
Tincture of Venus for the Cure of
Epilepsies.

Be Fine Verdigrease (made of the
Filings of Copper and distilled Vi-
negar) extract a tincture with warm
water, which coagulate with a gen-
tle heat to the thicknes of Honey;
put them into an Alembick, making
under it a gentle fire; when it be-
gins to be hot, take off the Still, and
stir it with a stick till it be cold;
then put on the Head, and lute it
close, and distil by a gradual sand-
heat into a large Receiver, so have
you a sharp white Spirit; then a
small quantity of yellow and red,
with fumes or a cloud; increase the
fire, and distil to driness (which
will be in about a days time) rectifie
the distilled Liquor to driness in a
long Bolt-head, with a soft heat,
(lest any of the yellow or red ascend)
from the faces draw a Tincture
with S. V. rectified, which distil,
and so often cohobate (because the
Tincture ascends) till it be fixed,
then abstract the S.V. to the thick-
ness of Honey.

Dose of the Spirit or Tincture
a gr. iijj ad x, in black Cherry or
Peony water.

15. *Spiritus Aureus Cupri*, The
golden Spirit of Venus.

Extract a Tincture from the Cap-
put Mortuum, at Sect. 11. either
with the said Spirit of Copper, or
Tartarized S. V. by digestion, ab-
stract the Menstruum, and force the

remainder through a Retort, so have you a yellow, or Gold colour'd spirit.

16. *Manna Cupri*. The Manna of Venus.

Be Filings of Copper Oar, extract a Tincture with spirit of Copper alcaliz'd, filter and abstract the spirit, so have you the Tincture or Manna of Copper.

17. *Tinctura Aeruginis*, Tincture of Verdigrease.

It is distracted with distilled Vinegar; decant, and abstract the Vinegar to driness.

It has the Vertues of the Balsamum Cupri, and is used in the Oppodeldoch Plaister.

18. *Quinta Essentia Cupri*, Quintessence of Copper.

Be The Caput Mortuum at Sect. 11. and moisten it with rain water (else you will not have much salt) then add its own slegm, and extract the salt after the vulgar way. Be of this salt ʒj. of the said white spirit and red Oyl of Venus ana ʒii. digest them a month, and you have a Quintessence of a rubicund colour: which you may, if you please, fix by many distillations and cobobations, and then coagulate with a gentle fire.

The Learned Faber has this a little otherwise, but 'tis in effect the same thing; Horstius commends it against all effects of the Brain, coming from cold or heat; for, saith he, it wonderfully strengthens, and restores radical moisture. It is the only remedy against the Leprosie, for it cleanses and purifies the blood, and cures all sorts of Fevers, whether continual or intermitting: It fortifieth the whole Viscera, and excites the natural heat. It heals all Excoriations of the skin, wounds,

Ulcers old and new, only by anoynting; it eases all pains of the Gout proceeding from what cause soever; it stops and dries up all Catarrhs, comforts the Head, Brain, and Joynts, dissolves and expels the mucous and tartarous matter afflicting those parts: It dissolves all Stones and schirrus Tumours, Struma's, and such like: The same Horstius commends it to the Skies, for, saith he, Sufficit hoc tibi unum, quod omnibus morbis accommodari potest. You may give it in Broth, in Cinnamon-water, Agniseed-water, Hippocras, generous Wine, in the yolk of an Egg, stewed Prunes, Palp of an Apple, or what the sick likes best. Of the liquid you may give a ʒj. ad ʒii. of the coagulated a gr. x. ad ʒj. or more, at any time, especially upon an empty Stomach.

19. *Sal Veneris*, Salt of Copper.

With distilled Vinegar extract a Tincture from good Verdigrease or Spanish-green, pounded in a Brass Mortar, your Nose being stoppt, lest the poyson Atoms should hurt you; decant, and repeat the Vinegar till no more Tincture arises; put all these Tinctures into a glass cucurbit with a leaden or iron Ring fixed to the bottom, then in Balneo draw off the Vinegar, till a skin appear upon the Tincture; then take out the Cucurbit, and set it into a Cellar to Crystallize, decant the uncongealed water, evaporate in B. M. as before, and set it again to crystallize; this repeat till the water is nearly all coagulated: put all those blew crystals into a Bolt-head, to which put so much distilled Vinegar as may dissolve that, and by a double Vessel

with

with a sand fire, in about four or five hours the dissolution will be perfect, which while it is warm filterate into another glass Vessel with a wide mouth, so shall you have clear Crystals of a glorious emerald colour or green, which separate from the water, dry in the Sun, or a gentle heat, and keep them in a glass, with a glass stopper.

It is hotter than the Salts of other Metals, a sam'd Diuretick and Desiccative: It strengthens the stomach, takes away its crudities, expels Wind, and all Diseases from thence, is good against the Cholick, coldness and suffocation of the Womb, provokes the Terms, cures Obstructions of the Reins, and is excellent against a Gonorrhæa given in a Turpentine Pill. Dose a gr. iiii. ad viii.

20. *Sal Veneris* Basilianum, *Basilis* Salt of Copper.

By the feces of *Basilis* Tincture at Sect. 12. dry them, and with Aqua Mellis extract the salt, then abstract the Aqua mellis, and with spirit of Wine digest, decant and coagulate.

It has the Vertues of the former, and the same Dose.

21. *Sal Cupri Schroderi*, *Schroderi* Salt of Copper.

Calcine the filings of Copper by cementation with Sulphur, then make a Lixivium, by boiling the calx in spring water, abstract the water, so have you the salt of Vitriol of Copper.

It is used instead of Vitriol, and you make all the same Medicines of it.

22. *Flores Cupri*, Flowers of Copper.

By Of the following A.F. p. iiii. filings of Copper or Verdigrease, which is better p. j. set them in a gentle heat to dissolve, pour in more till there

resides only light black feces, abstract the Menstruum, and force the remainder by a naked fire in a Still, so the Copper will ascend in flowers, which dissolves per deliquium into a green Balsam.

They are approved against old, stubborn and malign Ulcers; and if freed from their Acrimony, and mixt with Balsams and Emplasters, they cure Wounds and Sores without pain.

The aforementioned A.F. is thus made. Make a Lixivium of Quick Lime ℥ij. Sal Armoniack ℥j. coagulate, and mix with it thrice as much Bole; which distil as you do Aqua fortis, and rectifie it.

23. *Oleum Aeruginis*, Oyl of Verdigrease.

By Verdigrease ℥j. Sal Niter ℥ij. put them into a crucible, which fire with a Charcoal; what remains dissolve per deliquium in a Cellar.

It is caustick, and of excellent use to cure Warts, Pocky Pustles, &c. but must be warily used.

24. *Ens Veneris*, The Ens or being of Copper.

By The red Caput Mortuum of A.F. extract all its salt with fair water; which dry and powder, pour thereupon the spirit of Sal Armoniack or Urine, stir it, and dry it well, repeating this work seven times: then powder it, and mix it with Sal Armoniack purified two parts: grind and mix them well, and in a glass Retort in Sand, by degrees of fire, sublime for half a day, stopping the mouth of the Retort with Cotton or Wool, and in the neck of the Retort you will have the Ens Veneris of a yellow or Gold-like colour, which you may mix with its equal quantity of Colcothar, or Caput Mort. and sublime once or twice more.

It is a noble and worthy Anodyne, easing all manner of pain, and causing rest : It cures the Rickets, and kills Worms in Children, performing those things beyond any other Medicine. I have with great success given it in Pleurifies, and suffocation of the Womb, when many other great Medicines have failed : It

opens Obstructions to a wonder, and exhilarates the Heart, and comforts the Animal Spirits : It gives ease in the Stone, and dissolves it, opens stoppages in the Urine, and cures such as are in a *Tubes* or Consumption. Dose a gr. iij. ad viij, or x, or xij, in Canary, or any other convenient Vehicle.

C A P. IV.

Ferrum, Chalybs, $\Sigma \text{I} \text{S} \text{I} \text{S} \text{G}$, Iron or *Mars*.

1. **T**he purifying of Iron.
 B Iron plates or bars, p.j. Beech Coals powdered, shavings of Ox-horn, ana p.j. lay them stratum super stratum, put them into a close Vessel in a Wind Furnace, with a strong fire, for six or seven hours.

Iron well purified is then *Chalybs* or Steel ; and therefore since Steel is nothing but purified Iron, it is far better than Iron for any Medicinal Use.

2. *Crocus Martis Astringens*, binding Crocus of Iron.

It is done by reverberating the filings of Iron liiij . with decrepitated Salt liij . for one day in a strong fire ; then edulcorate, levigate, and reverberate again for eight or ten days, so there will arise a fine *Crocus*, which daily take away, and wash in Plantane water. It may also be made by reverberation per se ; but common Salt hastens the work. You may make it also of the *Crocus aperitivus*, by extracting

the Salt or Chrystals of *Mars*, and then long reverberating the feces : For *Crocus Martis Astringens* is nothing but *Mars* calcined, and divested of its Salt, which elixivation or long reverberation performs.

It binds and stops wonderfully, is very drying and strengthening, stays all Fluxes, Bloody Fluxes and Gonorrhæa's : It is a powerful astringent, and may be given a ʒj. ad ʒj. in any convenient Conserve or Bolus. Outwardly it stops bleeding at the nose and in wounds, dries up Ulcers and running sores.

3. *Crocus Martis aperitivus*, Opening Crocus of Mars.

It is made by a Cementatory or melting Calcination thus. B. Filings of Steel liij . Sulphur in powder zj . put it into a Crucible, and place it in a Furnace of reverberation and suppression, letting it stand till all the Flame be gone ; augment the fire for an hour, then take it out,

out, and put the matter into an Iron or Brass Mortar, beating it to powder whilst warm, searce it fine, and keep it in a Glass for use. Or thus, Put two red hot bars of Iron or Steel balls of Brimstone, and the Iron will melt like wax, which let drop into cold water, placed underneath; beat it into fine powder for use. Paracelsus orders Plate of Iron to be cemented with Sulphur and Tartar.

It is a great deobstructive and opener; it provokes Urine and the Terms, is good against the Dropie and Yellow Jaundice, opens obstructions of the Spleen and Mesentery, and cures the Rickets in Children, and Green Sicknefs in Virgins. Dose a. ʒss. and ʒiss. in Conserve of Roses.

4. *Crocus Martis Aperitiuus* Maxij, Maxius, his opening Crocus.

℞ Of the former Crocus, imbibe it with Oyl of Vitriol or Sulphur for 3 or 4 days; then put it into a Crucible, which place in a reverberatory Furnace, encreasing the Fire to the highest for 7 or 8 hours; take out the Crucible, and whilst warm pour the matter into a Brass or Iron Mortar, let it cool, and it will become red as Saffron, searce it, and keep it in a Glass for use.

It has all the Vertues of the former, besides which it is much more powerful.

5. *Crocus Martis*, by Immerfive Calcination.

℞ filings of Steel ʒj. add guttatim A. F. ʒviii. digest 24 hours, then abstract the A. F. in sand, so have you a very red opening Crocus which will melt per deliquium.

It is a great opener of Obstructions in the middle Ventricle, Dose ad ʒss. from both this and

the former you may have Crystals, by adding hot water filtering and coagulating, &c. Crystals of Steel are also made with Spirit of Salt, p. j. and distilled Vinegar, p. iiii. But Sala does it with Spirit of Vitriol; and calls it,

6. *Magisterium Martis Vitriolatum*, Magistery of Steel vitriolated.

℞ Dissolved Steel in rectified Spirit of Vitriol, then coagulate, so have you a Magistery green like Vitriol.

It opens Oppilations of the Liver and Spleen, and cures the Jaundice, Quartans, Melancholy, Cachexia and the Green-sickness. Dose ʒss. in Rhenish Wine.

7. *Crocus Martis Sennerti*, the opening Crocus of Sennertus.

℞ Plates of Iron and hang them in a close Still in Sand, over the Fumes of Aqua fortis, so the Crocus will stick to the Plates, which take off with a Hares foot.

It has the Vertues of the former, Dose ʒj.

8. *Crocus Martis Quercetani*, The opening Crocus of Quercetani.

℞ Spirit of Sulphur and Spirit of Wine ana, put them into an Iron Ladle, and boyl them at a soft fire, till they are evaporated; then lay the ladle by for 6 or 7 days, and brush off the yellow Crocus. Or thus, Anym Plates of Iron with Oyl of Sulphur, or Sprinkle filings of Steel therewith; and put them in a Cellar for a Week, then wash off the Crocus with water (which will settle) and calcine it a little to make it red. This is called Calcination by Illinitio.

It is a great Opener, a true Reflorer.

storer and Comforter of the Liver, and a certain Cure for the Green-sickness. Dose a gr. iii. ad vii. Thus you may make Crocus with Spirit of Vitriol, Allom, Sal Armoniack, common Salt, and Sal Niter; which last is best used outwardly.

9. *Aqua Martis*, Water of Iron.

It is exactly made as that of Copper at Sect. 8. Cap. 3. foregoing, and smells almost like Salt.

It opens Obstructions. Dose half a spoonful.

10. *Spiritus Chalybis*, Spirit of Steel.

Be Oar of Iron, distil by a Retort, cohobate the distilled Liquor, digest and distil again.

It has the former Vertues. Dose gut. xx.

11. *Oleum Ferri album*, White Oyl of Iron.

It is made as *Oleum Veneris* at Sect. 9. Cap. 3. foregoing.

It opens Obstructions of the Liver, Spleen, Meseraicks, and Womb; cures Melancholy, the black Jaundice and Quartans, and is excellent in *Febri alba* five morbo Virgineo, the Green sickness, Dose a gut. iv. ad xii. in Broth or Rhenish Wine.

12. *Oleum Ferri Rubrum*, Red Oyl of Iron.

It is made as that of Copper, at Sect. 10. Cap. 3. before cited.

It is Segnotick, Astringent, and stops all sorts of Fluxes: Dose a gr. iii. ad vi.

13. *Oleum chalybis*, Oyl of Steel.

Be Tincture or Manna of Steel, digest and circulate with S. V. rectified, so an Oyl will swim at the top; distil them through an Alembick till the Oyl pass also.

It is a fragrant and odoriferous Oyl, good in all manner of Obstructions and Distempers of the Spleen: It is Pectoral, Stomachical and Hepatick, good in the Phtisick, Hæctick, Cholick, Quarran, and Green-sickness: Dose gut. xij. in any convenient Vehiculum.

14. *Oleum Chalybis Philosophicum*, Philosophick Oyl of Steel.

Be the Crocus of Steel, at Sect. 2. 3j. Philosophick spirit of Vitriol 3ij. digest, and extract the Tincture often with fresh Spirit, put the Tinctures together, and abstract to the thickness of hony: from this draw another tincture with S. V. and a salt with water: abstract the S. V. till it is like Oyl; to which add the Salt purified; then digest, and keep them for use.

It has all the Vertues of the former, besides which, it more powerfully provokes the Terms, and opens all Obstructions of the Reins and Ureters. Dose a gr. iii. ad vi.

15. To distil the Vitriol of Iron.

It is done as that of Copper, and there from you may have in like manner a spirit and oyl like that of Clossaus at Sect. 11. Cap. 3. foregoing: and indeed admits of all those various Operations to which Common Vitriol is subject, which you may see in the Chapter of Vitriol following.

16. *Manna seu tinctura Martis*, Manna, or Tincture of Iron.

It is only a Tincture drawn from filings of Iron, or powder of its Oar with the alcalized spirit of Iron: then filter and abstract.

It has all the Vertues of Max-

zins his *Crocus Martis*, at Sect. 4.
Dose ad gr. viij.

17. *Essentia Chalybis vitriolata*,
Vitriolated Essence of Steel.

Quench often red hot filings of Iron lbj . in Canary lbviij . so will the Wine receive the vitriolated Essence into its body.

It cures Melancholy, Jaundice, Quartans, and the Green-sickness.
Dose a ziiiij . ad zj . in Broth.

11. *Vinum Chalybiatum Finkij*,
The Steele Wine of Finkius.

By Filings of Steel, distilled Vinegar A. lbj . put them into an Iron pan over a gentle fire, continually stirring, till the Vinegar is consumed; then infuse them into Canary lbiv . and digest a month, stirring or shaking the Bottle, once or twice a day; being settled, decant, and keep it in a close glass for use.

It is an excellent thing against all Diseases of the Liver, Spleen, and Womb; it provokes the Terms; yet stops their extraordinary Flux. Dose a ziiiij . ad zj .

19. *Tinctura Croci Martis Kessleri*, Kesslers Tincture of Crocus of Iron.

By Crocus by reverberation, sublime it with Sal Armoniack; so have you Flowers, from which (being edulcorated) extract a Tincture with S.V. then abstract the Spirit, and the Tincture remains at bottom.

It is powerful, and has a singular property to attenuate, dissolve, and prepare the *Arta bilis*, and is a singular experiment for curing Melancholy, and the black Jaundice. Dose a zj . ad zij . vel zj .

20. *Tinctura Chalybis Basiliana*, Basil's Tincture of Salt.

Dissolve filings of Iron in red spirit of Vitriol p. j . fair water p. ij . filter it hot, and crystallize; exicate the Crystals, stirring continually; so have you a purple Crocus, extract therefrom a Tincture with distilled Vinegar; then in B.M. abstract the Vinegar; and sweeten the remainder, by often drawing from it fair water. From the earth remaining of the Crocus (after the aforesaid Tincture is drawn off) you may extract a Salt with Corrosive Aqua Mellis.

In all deplorable Diseases proceeding from Corruption of Humors, this is a most singular experiment: so also in all Diseases proceeding from Obstruction, whether of the Stomach, Bowels, or Reins. Dose a gr. x. ad zj .

21. *Magisterium Martis Salmonianum*, The Authors Magistery of Mars.

Dissolve filings of Steel in purified juice of Lemons, digest for a month, then filter into a glass Vessel, and in a sand heat inspissate to the consistence of a Liquid Extract. The remainder of the Chalybs which will not go through the paper, dry, and reduce into a subtil powder for the same use, or for steeled Wine.

Both the liquid Extract, and the powder have a wonderful force in opening all Obstructions, and dissolving all tartarous and coagulated matter, and strengthening all the internal Viscera: They are an excellent Cure for Melancholy, the Black Jaundice, Green-sickness, Quartan, Cachexia, Dropsie, and all Diseases of the Womb, occasioned through

Y Ob-

Obstructions. Dose of the Extract a ʒss ad ʒj, of the powder a ʒi. ad ʒij.

22. *Tinctura Croci Martis Quercetani*, Quercetian's Tincture of Mars.

℞ *Crocus* of Steel made by AF. extract the Tincture, and digest with S.V. till it is of a Rubicund colour; then decant and abstrakt to a liquid extract. The same may be done from crude filings of Steel, with Spirit of Vinegar; extracting at last with S.V. tartarized.

It stops all Fluxes, as Dysenteries, Diarrhæas, Lienterias, Hæmorrhagies, Terms, &c. Dose a ʒj. ad ʒij. in Conserve of Roses, &c.

23. *Tinctura Martis & Veneris*, A Tincture of Mars and Venus conioyned.

℞ The Flegm or Volatile Spirit drawn from the Vitriol of Verdigræse by a Retort in sand, and put it upon filings of Iron, in a narrow mouthed Vessel, and in about half an hour (without any fire) the Essence of Venus will be impregnated with the Blood of Mars; abstrakt the menstruum or humidity, and from the fusible Crocus with S.V. extract a Tincture.

It has all the Vertues of Kessers Tincture of Crocus Martis, at Sect. 19. and the same Dose.

24. *Sal Saccharatum Martis*, Sugar like Salt of Iron.

℞ Opening Crocus, put upon it the spirit of Salt, or Sal Nitre, extract it to a yellow Tincture, with a stinking scent, filterate, then coagulate, so have you a salt sweeter than sugar, which you may circulate with the spirit of Wine.

It opens and strengthens both Liver and Spleen; is good in

Dropsies and old Ulcers, stops all Fluxes and the Terms. Dose gr.x. in Bryony water, or fragrant wine with gut. iii. of Ol. Cinnamoni.

25. *Tinctura*, seu *Oleum Martis* per deliquium, Oyl of Mars per deliquium.

℞ The blew scales of Iron, calcine them a day and night, and extract a red Tincture, digest with strong spirit of Vinegar, filter and abstrakt, then sweeten by often dissolutions and coagulations with rain water; lastly, dissolve per deliquium.

It is the most excellent of all things, in stopping every kind of Flux: It also stops the Terms, Gonorrhœa, and bleeding at nose. Dose ad ʒss.

26. *Magisterium Martis album*, white Magistery of Mars.

℞ Very red Crocus made by reverberation, sprinkle it with spirit of Vinegar, and dry it, which do four times, then with spirit of Vinegar extract a red Tincture by digestion; abstrakt it to the consistence of Honey, and dissolve the abstraction in distilled rain water, then with spirit of Vitriol abstrakt a white Magistery, which sweeten well by washing.

It has the Vertues of the Basilian Tincture, at Sect. 20. foregoing. Dose ʒj.

27. *Flores Chalybis*, Flowers of Steel.

Mix the filings of Iron or Steel, with Sal Armoniack, and sublime, so will some of the Steel be elevated; which being separated from the Sal Armoniack by washing, will be like pulvis fulminans.

They are good against most Diseases of the Liver and Spleen. and

and provoke the Terms. Dose ʒi.

28. Flores Crystalorum Martis, Flowers of the Crystal of Mars.

Sublime Crystals of Iron (made with Spirit of Nitre, or nitrous AF.) with Sal Armoniack, so have you red Flowers which sweeten with water.

They have the Vertues of the former, opening most Obstructions of the Spleen and Mesentery.

29. Saccharum Martis, Sugar of Iron.

By Opening Crocus, or Crocks made by A. R. extract the salt by a large quantity of boyling water, filter and inspissate; or else abstract in part, and set it to Crystallize; dissolve the Salt or Crystals and coagulate, which repeat till they are sweetish.

30. Sal Martis Basilianum, Basil's Salt of Mars.

It is done from the remainder of Basil's Tincture, at Sect. 20. with Corrosive Aqua Mellis, which is then to be abstracted, and the Salt

is to be sweetned by often dissolutions in water, and circulating of it with S. V.

It is powerful in opening Obstructions, cures the Chlorosis and Rickets, dissolves hardnesses, and the Schirrous of the Liver or Spleen. Dose a gr. x. ad gr. xx. The Saccharum Martis aforegoing has also the same Vertues and Dose; being much stronger than the opening Crocus from whence it is drawn, it is powerful against the Green-sickness, Jaundice, stoppage of the Couries, and other Diseases of Women.

13. Crystalli vel Vitriolum Martis, Crystals or Vitriol of Iron.

By Filings of Iron, and dissolve them in red Oyl of Vitriol, p. 1. fair water p. 2. (the menstruum being boyling hot) filter and crystallize: you may also make Crystals of Iron with other sharp liquors.

This has the Vertues, use and dose of the Saccharum Martis at Sect. 29. and 30.

C A P. V.

Stannum, Plumbum album, Kaccites, Tin, or Jupiter.

TO Purge Tin.

It is done by melting of it, and casting into it either Grease, Wax, or Honey, then casting of it into hot water; or by sublimation.

2. To sublime Tin.

By Calx of Tin made by AF. (the filings will do) sublime them by a pot, set upon a still with a pipe (as flores Antimonij are prepared) casting in the Calx, or filings by degrees at

V 2

the

4. *the hole of the pipe, which being cast in must be stop't: Thus have you flowers of Tin; of which also you may make Salt by Sect. viii. following.*

3. *To calcine Tin by Incineration.*

Melt it, and increase the fire till the Crucible is red hot; and by continual stirring of it, it will turn to a Calx.

4. *To reverberate Tin.*

Take the former Calx, and in a reverberatory heat, continually stir it till it is red.

5. *To cement Tin.*

It is done being laid stratum super stratum with sulphur or quick lime.

6. *To calcine Tin by a Vapour.*

Hang plates of Tin over the Vapours of Vinegar (or other corrosive liquors) and by degrees you will have a white kind of Calx, which continually brush off.

7. *To calcine Tin by immersion.*

It is done by dipping of it into spirit of Vinegar. Hence comes

8. *Sal Jovis, Salt of Tin.*

Be The red Calx of Tin, and extract by digestion with distilled Vinegar, sharpened with spirit of Vitriol, by three Cobobations; filter, and abstract the humidity, so have you sugar or salt of Tin, which you may purify by many solutions and abstractions, first in distilled Vinegar, then in Water, casting away the faces in the operation, after which it may be Crystallized, and exalted by spirit of Wine; where note, that except your Tin be very well reverberated you shall do nothing.

It is a certain and noble Remedy against the Suffocation of the Womb, which it cures even to a Miracle, inwardly given, and out-

wardly applied: Outwardly it cures all rotten putrified Ulcers, old Sores, Fistula's, Cancers, &c. You may give a gr. iii. ad v. or vi. often in fragrant Wine.

9. *Magisterium Jovis, Magistery of Tin.*

Dissolve the Calx of Tin in distilled Vinegar, and with a drop or two of Oyl of Tartar, or Urine, cause it to precipitate. Or thus, Dissolve plates or filings of Tin in redified spirit of Vitriol, or spirit of Nitre, or of Allom, or in A.F. decant, and add to the solution S.V. redified, or Salt water, and the Magistery will precipitate white as snow, which sweeten and dry.

The Vertues and Dose are the same with the former.

10. *Spiritus & Oleum Jovis, Spirit and Oyl of Tin.*

Be Sugar or Oyl of Tin per deliquium, distil it in a glass Retort luted, into a large receiver well fixed, give fire by degrees till all is come over.

They both open Obstructions, and are good in the Suffocation of the Womb. Dose of the Spirit is gut.iii. or iv. Of the Oyl gut. ii. or iii. Outwardly it cures Wounds.

11. *Stannum Diaphoreticum, Diaphoretick Tin.*

Be Tin filed, or calcin'd ʒj. precipitate ʒij. mix and distil by a retort in sand or a bare fire by degrees into a Receiver half full of water, and a powder will be precipitated, which wash, dry, and then keep close for use; where note, first, that when you begin to distil you keep a moderate heat; secondly, that after the butter or Oyl of Tin is made, if you make a fire of suppression by degrees,

you

you will have in the neck of the Retort silver flowers.

It is a great Sudorifick, is good against the Pox, Plague and Gout, and has the Vertues of the Salt. Dose a gr. iv. to vi, or viii. Note, in the former operation you have a Spirit always smoaking, which cures Gangreens by a touch, then the Butter, then the Mercury in great abundance; lastly, with the said fire of suppression, the whole substance of the Tin (as Clossius saith) will be elevated like an hard grey Gum; which being presently powdred, and laid on Tin plates, will in a moist Cellar, dissolve into a yellow Oyl, which Oyl is accounted among the Dissolvers of Metals.

12. Sulphur Jovis, Sulphur of Tin.

Take the red Caput Mort of the former distillation, with what remains unmelted upon the aforesaid Tin plates, mix them and digest in distilled Vinegar a week, then abstract, and you have the Sulphur of Tin.

It cures outwardly all sorts of old Sores, Ulcers, Fistula's, Gangreens, &c.

13. Saccharum Jovis, Sugar of Tin.

Of the aforesaid Sulphur, dissolve it in water, filter, coagulate, and dissolve again, so will it be sweet and of an emerald colour.

It has the same Vertues and use with the former.

14. Crystalli Jovis, Crystals of Tin.

They are made of the Calx by drawing the Tincture with distilled Vinegar and abstract in part, then setting it to Crystallize: Or thus,

By the former fuming Spirit of Tin (like clear water) add to it gradually, S.V. impregnated with the Tincture of Salt of Tartar, which add till the noise ceaseth: set the Vessel in sand, and make a subliming fire, and there will arise white Crystals which will melt like butter or wax.

These are excellent to heal Sores or Ulcers proceeding from the Kings Evil, such also as are callous or cancerous, by burning a deep Eschar, which when removed, are easily cured by any common Vulnerary.

15. Tinctura Jovis Basiliana, Basil-Tincture of Tin.

By Plates of Tin, cement them (by a threefold Calcination in astrigent wine) with pumice-stone calcin'd and finely powdred in a Crucible well luted, five days and nights by a gradual fire; then scrape them, and with distilled Vinegar draw a Tincture, abstract the Vinegar, and you have the Tincture of Jupiter.

It has all the Vertues of the Salt of Tin, and is good against the Epilepsie, Melancholy, Megrim, Catarrhs, defluxions into the eyes, &c. Dose ʒss ad ʒj.

16. Sal Jovis Basiliana, Basils Salt (which is the true Salt) of Tin.

By What remains in the former work after the Tincture is drawn away by distilled Vinegar, digest it with Aqua Mellis ten days, and then abstract, so shall you have the true Salt of Jupiter.

It has all the Vertues, and the same Dose with the aforesaid Tincture.

17. To make the Mercury of Jupiter.

Burn up, or destroy the impure Sulphur with Sal nitre; then sublime, so the Mercurial part will ascend, which at length by putri-

faction and Ebullition will be brought to Quick silver. This Kessler and Clossaus have taught.

C A P. VI.

Plumbum, Plumbum Nigrum, Μελύς ΝΓ, Lead or Ἡ Saturn.

1. TO Purge Lead.

It is done by melting of it, and adding white melted wax or grease to make it flame, then putting of it into hot water.

2. To calcine Lead.

It is done 1. By Incineration. 2. By Reverberation. 3. By Vapour, altogether in the same manner as Tin. 4. By Cementation. 5. By immersion in any sharp spirit, as spirit of Salt of Vitriol, A.F. distilled Vinegar, &c.

3. Saccharum Saturni, Sugar of Lead.

Colledge.) Put as much Calx of Lead (or red Lead) as you please into a Glass, and put so much Vinegar to it, as may overtop it the breadth of four fingers; warm it, and stir it a good while; after it is seiled, pour off the sweet Vinegar, and put in fresh, do it so often till no more sweetness may be drawn from it; put all the Liquors together, and let them settle; then exhale it away in a glass, till half consumed; or until (it being into a Cellar) the Crystals ap-

pear, which having taken out, exhale it again, and set it in a Cellar or cold place, till more Crystals arise, do thus till no more appear: then dissolve the Crystals in clear water, filter, and coagulate.

Salmon.) By this same way Schroder saith, you may draw a Salt from Lead granulated, which is better than the former; and the work both in this and the former, will be the more facilitated, if the distilled Vinegar be acuated with Spirit of Vitriol or Sal Nitre. This Sugar of Saturn is a great Anodyne, and easier of pain, and of almost infinite Vertues, if we may believe the learned *Beguinus*. It is given with success in the Plague; it takes away redness, softness, hardness, cools inflammations, attenuates and resolves Tumours, stops Gonorrhœa's, helps the heat and scalding of the Urine, and asswages Lust, but by reason of its excessive Cold, it is certainly an evil thing to the Stomach, causing therein (if taken often or in too large a Dose) almost intolerable

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terable pains, for which cause sake, I always order it to be given a gr.v. ad viii in Sack, Sherry, or other generous Wine, whereby it, in some measure, prevents those evil effects. Outwardly, if gr.v. or vi. be dissolved in a quarter of a pint of Rose-water, and dark, or inflamed Eyes be washed therewith, it helps them; by such an ablution I cured one absolutely blind; but it will be much better if you adjoyn equal quantities of white Vitriol with it, and then use it to the cases aforesaid of blindness, &c. Thibaut saith, that in pain, redness and inflammation of the eyes, as also a redness of the face and skin, you may dip in it a thin slice of raw Veal, and lay it upon the part, &c. given as aforesaid in Sack, it is good in the Dropsie and Cholick. See our *Dor. Med. Lib. 2. Cap. 10. Sect. 1.*

4. Pulvis Saturni, Powder of Lead.

Colledge.) Beat the Lead into very thin plates, which cut into very small pieces, the which steep three days in a very sharp Vinegar, changing the Vinegar every day, then take them out and dry them, without burning them; and with a little pains in a Mortar, you may bring them into a very fine powder.

Salmon.) It is drying, and causes Cicatrizes upon old Ulcers, if mingled with any proper Unguent, as Diapompholigos, Pomatium, &c.

5. Cementatio Plumbi, the burning of Lead.

Colledge.) & what number of thin plates of Lead you please, put them into a new earthen pot, lay them plate upon plate with Brim-

stone between each plate, then put the pot in the fire, and stir the Lead about with an Iron Spatula when the Brimstone burns, until you have brought all into ashes, which wash in fair Water, and keep them for use.

Salmon.) Lead thus calcin'd, or brought into a Calx, is nothing but Lead opened, and dissolved by the power of the Sulphur; in which form the said Lead will remain so long as there is left any of the Spirit and Salt of Sulphur; when they are gone, if you continue yet the Calcination, the Lead will be in danger of returning to its first metallick nature: This preparation has all the Vertues of the former, and out of it is also drawn the *Saccharum Saturni*, at *Sect. 3.*

6. The washing of Lead.

Colledge.) Stir about water in a leaden Mortar with a leaden Pestle, and labour it stoutly till the water look black and thick; strain out this water, dry it, and make it into Balls.

Salmon.) It cools, dries, binds, and thickens, fills Ulcers, with flesh, yet takes off proud flesh from malignant Ulcers, Cancers, &c. and produces a Cicatrice, either alone; or mixt with some other convenient body.

7. Magisterium Saturni, Magistery of Lead.

Dissolve plates of Lead in A. F. or spirit of Vitriol rectified, decant and add to the solution S. V. rectified; or salt water, and the Lead will be precipitated white as snow, which edulcorate and dry. Or thus, B. the Calx of Lead, extract the Tincture with distilled Vinegar, decant, and precipitate with one part of Oyl of Tartar.

This has all the Vertues of *Saccharum Saturni*, at Sect. 3. foregoing. Dose *ad gr.vi.*

8. *Lac Saturni*, Milk of Lead.

℞ *Salt of Lead* ʒj. imbibe it with *Oyl of Sulphur per Campanum* ʒj. set it for ten days in a cold place; then add as much more of the *Oyl*, and digest a week in a glass, to which put ʒiiij. of fair water, which shake till it is white like Milk.

If double Pledgets be dipt in this twice or thrice a day, and applied hot upon Ulcers hard to heal, it will quickly cure them.

9. *Spiritus* & *Oleum Saturni*, Spirit and Oyl of Lead.

℞ *Sugar of Saturn*, or *Crystals dissolved per deliquium*, distil it in a Glass Retort luted, into a large receiver well fixed; give fire by degrees till red drops fall, and no more will be distilled, so have you a *Liquor*, containing 1. A burning spirit. 2. A yellow Oyl. 3. A flegm. 4. A red Oyl, which separate in a glass Retort by B. Mor sand, changing the Receiver at every *Liquor*. The burning spirit comes without any little Veins in the neck of the Retort; the yellow Oyl with oblique Veins; the flegm with streight; the Oyl remains.

The Spirit is a good Sudorifick in the Plague, French Pox, burning Fevers, is good against Melancholy, allays Lust, is Anodyne; helps the Cholick, &c. Dose gut. ii. or iij. The yellow Oyl by digestion turns red, and with it Gold is dissolved: with the Spirit and Flegm, Coral, Pearl, and Shells are dissolved and precipitated; the red Oyl cleanses and cures Wounds; the *Caput Mort* purifies Ulcers. *Reff. l.4. c. 37.*

13. *Sal Saturni Volatile*, Volatile Salt of Lead.

Dissolve the Oar in distilled *Vinegar*; which mix with water in which salt is dissolved, and immediately there will sublime a white powder, which edulcorate and dry.

This has the Vertues of the other Salt, but is more piercing, and will melt upon a wedge of Iron like Wax. Dose a gr. ii. ad vi.

11. *Tinctura Saturni*, Tincture of Lead.

℞ *Red Lead* ʒv. *Flints calcin'd* ʒii. powder them, and melt them in a Pot with a gradual fire till they are like a Rubine; beat them to powder, and with tartarized S. V. extract the Tincture.

It opens the Spleen, is good in Melancholy, Quartans, Consumptions, &c.

12. *Manna Saturni*, Manna of Lead.

From thin plates of Lead extract the Tincture with spirit of Lead essentified, filter, and abstract, so have you the Manna of Lead.

It has the Vertues both of Spirit and Sugar, and may be given a gr. iv. ad x. in any convenient Vehiculum. And after the same manner you may make the Manna of of Jupiter.

13. *Tinctura Saturni Kesseri*, Kessler's Tincture of Saturn.

℞ *Crystals of Lead* made with distilled *Vinegar* and edulcorated, S. V. filter, digest, and cleanse (for there will be new feces) then abstract the S. V. and a red Tincture will remain at the bottom. But some instead of first using S. V. use Oyl of Juniper Berries, digesting therewith till it is red, and then use the same spirit as before.

This Tincture is of excellent use for such as are troubled with Hypochondriack Melancholy, French-

Frenzy, Madness, Consumptions, or long rebellious Quartans. Dose a gr.ii.ad iv.

14. Sulphur Saturni, Sulphur of Lead.

℞ Manna of Lead, circulate it for some time with S.V. rectified; abstract the S.V. by degrees, so will the Oyl ascend with it, and swim at the top; which being circulated again with S.V. will have a sweet or fragrant sent. It is a Pectoral, good in Phricicks, Coughs, Asthma's, Consumptions, &c. Dose gut.iii.ad vj.

15. Sal Saturni Basilianum, Basil's Salt (which is the true Salt) of Lead.

℞ the matter remaining after extraction with Oyl of Juniper (ut Sect.13.) dry it till the oylineß is quite consumed; extract the Salt with distilled Vinegar, then abstract the Vinegar in part, and set it to crystallize; which Crystals clarify by drawing off from them spirit of Wine.

It has all the Vertues of Saccharum Saturni, cools vehemently, and extinguishes the Seed.

16. To make the Mercury of Saturn.

Keller saith, That if the Salt of Lead be imbibed with Oyl of Sal Armoniack per deliquium two inches above it, digested into Ashes two whole weeks, then distilled, and at last sublimed with a stronger fire, and then heat the flowers with distilled Vinegar and common salt,

you shall have running Mercury of Lead. Or thus, Digest filings of Lead fourteen days in a Lixivium of Sal Armoniack, salt of Tartar, and Quick lime with water, abstract the Lixivium, grind the Lead upon a Marble, which bring to a Calx with AF. of Vitriol, sweeten the Calx, and add to it an equal quantity of Crystals of Sal Nitre, sublime in a Still with a Pipe, and grind the Flowers with Vinegar. Or thus, ℞ Water of Sal Armoniack sublimed ʒij. Oyl of Tartar, spirit of Nitre A ʒiis. digest them till they become a stone, of which Stone take in powder ʒj. Plates of Lead ʒij. dissolved in spirit of Nitre ʒiv. put this solution on a Marble for forty days to putrifie; then abstract the spirit, cobobating thrice, and make a subliming fire that the Calx may ascend; which then digest for a day with S.V. impregnated with Sal Armoniack and salt of Tartar; so will the matter being rubbed between your fingers be quick.

17. Balsamum Saturni, Balsam of Lead.

℞ Saccharum Saturni ʒii. Spirit of Turpentine ʒiiij. digest them in sand till they are red.

It is excellent for Ulcers and Tumors; cures Wounds, and keeps them from accidents, especially if you add Camphire ʒss. It is also good against Scurff, Morpewes, Fistula's, &c. See our Dor. Med. lib. 2. cap. 3. Sect. 8. 13. 17.

C A P. VII.

Argentum Vivum, Azoch, Zaibar, Ἄργεῦρος, Quick-silver,
or ☿ Mercury.

Mercury is either Natural or Artificial: The Natural is a volatile Mineral Juice, greedily cleaving to, and devouring Metals, principally Gold: The Artificial is drawn out of Metals, and is called the Mercury of Bodies. The best is that which is taken from Mines near Gold or Silver; for which cause the Spaniards and Hungarian Quick-silver is accounted chief, having less of Antimony, Cadmia, Arsnick, Lead, or other poisonous matter; by many of which things also it is adulterated, which some men will so exactly do with Lead and Bismuth, that (the whole passing through Leather) the cheat is very difficult to find out: But if ascending through a Retort it leaves no filth behind it, or put into a silver Spoon over coals of fire to evaporate, it leaves only a white or yellow spot (not a black or dusky) it is then fine and good.

To purge Mercury from its filth.

It is done 1. by passing of it through leather (but Metals joyn'd with it will pass through also.) 2. By washing of it with Vinegar, or Vinegar and Salt, Soap Lees, a Lixivium of Sal Regale, or Quick Lime and Bean-straw Ashes, or by strong streaking of it in a close Glass with

S.V. 3. By distilling it in a Retort with a strong sand fire, either alone, or joyn'd with Sal Regale, or Calx vive, or amalgamated with gold or silver, and many cohobations.

It is used inwardly (mixt with Pills) without any other preparation against the French Disease, and all manner of Venereal Infections, purges and purifies the Blood from all manner of corruption, putrefaction and contagion, kills Worms, and hastens the Birth. Outwardly (but then it needs not be purified) in Unguents and Emplasters. It cures Scabs, Itch, Leprosie, Tumors, Nodes, and all sorts of Pocky Sores, Cancers and Excrecencies; but beware of using it too liberally, for it brings putrefaction with Salivation, and in short time death. In an Amulet, it is good against the Plague, Inchantments and Witchcraft.

2. Spiritus seu Oleum Mercurij album, Spirit or white Oyl of Mercury.

Sublimate ziiij. Potters clay sxx. with Water make them into Balls, and dry them in the shade, then distil (for the space of 2 hours) in a glass Retort in Sand, with a fire of suppression gradatim, so have you the white Oyl or Spirit.

It is of wonderful power in curing the Scurvy, Plague, Jaundice

dice, Dropſie, Leproſie, Sciatica, Gout, the French Pox, and other Venereal Diſeaſes, which it performs by ſweat, being an excellent Diaphoretick, given *gr.ij.* or *iii.* in any convenient Vehicle mixt with a convenient quantity of Roſe-water; it is excellent to waſh all foul Ulcers, Sores, Cankers, Gangrenes, and Pocky Puſtules, cauſing them to heal.

3. *Spiritus seu Oleum Mercurii rubrum*, Spirit or red Oyl of Mercury.

Be Sublimate in fine powder, filings of ſteel ana, mix them, and diſſolve into a yellow Oyl per deliquium, to what diſſolves not, add water, and extraſt a ſalt, purifie and coagulate it, and mix it with the ſaid Oyl, and it will be of a gold or ſaffron colour, diſtil in ſand from an Alembick with a ſhort neck, ſo have you firſt a ſlegm, which keep alone, encreaſe the fire, and a red Oyl will aſcend, falling partly into the Receiver (which change) and partly ſticking to the Alembick and its neck like butter; continue the fire till no more will aſcend; put the ſlegm and red Oyl to the Caput Mortuum, and diſtil again in a warm Alembick, or by Vapour, and the redneſs ſticking in the Alembick will melt, and fall very red into the Receiver: change the Receiver, and take the following ſlegm, and more redneſs; this do as often as need requires.

It is a Diaphoretick (exceeding the white in goodneſs) and very powerful in expelling malignant Humours by ſweat, it is the moſt perfect Cure for the Gout and French Pox, it cauſes the Puſtules and Scabs to fall off, Swellings and Tumors to abate, drying up

all the ſtinking Ulcers, and wholly taking away all their intolerable pains. Doſe *gr.i.* or *ij.* in Spirit of Guajacum, or *Decoſtum Sanctum*.

4. *Spiritus, & Oleum Mercurii Saccharatum*, Spirit and ſugared Oyl of Mercury.

Be Sublimate *ʒij.* Sugar *ʒxj.* mix and diſtil by a glaſs Retort, well luted into a large Receiver, increaſe the fire by degrees upon the Retort, then beneath it; and continue it gently (leſt you loſe your labour, for ſugar muſt not be forc'd with too much heat) for 2 or 3 days; the diſtilled Liquor put in B. M. ſo have you a ſharp ſpirit of Mercury, the ſugared Oyl remaining at bottom.

It is an excellent Anti venereal, and powerful againſt the French Diſeaſe, and Ulcers in the Bladder. Doſe *gr.3.* or *iv.*

5. *Stella Mercurii*, The Star of Mercury.

Be Mercury ſeven times ſublimed, and as often rectified with Quicklime with a gentle heat, diſſolve it in ſpirit of ſalt, abſtraſt the ſpirit, ſweeten and boyl the Mercury in diſtilled Vinegar, abſtraſt the Vinegar, and waſh it with diſtilled rain water, dry it, and digeſt it in S. V. which with a gentle heat drive thro' a Retort, increaſing the fire (what remains keep to make a ſalt of) abſtraſt the S.V. in B.M. and you ſhall have at bottom a fragrant ſweet Oyl, which according to Baſil is the Star of Mercury.

It is a Diaphoretick, having the Vertues of all the former Oyls, and is a proper Specifick for the Pox, in which it is a great Secret, though it be never ſo old, it cleanſeth the Blood, and cures all Scabs, Tettors, and Ulcers, although

though old and malign: Dose gr. iv.

6. *Oleum Mercurii Diaphoreticum Kessleri*, Diaphoretick Oyl of Mercury.

Dissolve Mercury precipitate in distilled Vinegar, and abstrakt the Vinegar to driness, what remains in the Retort digest with S.V. rectified, till it be thick, then distil in Sand with a strong fire, so have you a Liquor like Milk, cohobate, and distil again, so have you a white fragrant Oyl.

It has an excellent Vertue to cure all sorts of malignant Ulcers, Fistula's, Cancers, but chiefly Ulcers in the Reins and Bladder. Dose gut. ii. ad v.

7. *Oleum Mercurii Diaphoreticum Quercetani*, Quercetan's sweating Oyl of Mercury.

℞ Sublimate ℥ii. fixed Sal Armoniack (dissolved per deliquium and purified ℥iv) dissolve the sublimate in a Cellar, filter, and distil it in sand by a glass Still with its Alembick and Receiver, then rectifie it, and it will be as sweet as Musk.

It is a powerful Sudorifick, and has all the former Vertues. Dose ad gut. vi.

8. *Oleum Antimonii Mercuriale*, Oyl or Mercurial Butter of Antimony.

℞ Antimony or Regulus of it sublimate ana, mix them in a stone Mortar, and distil them from a glass Retort in sand (but an open fire increased by degrees is better) first in a moderate fire, so will the Liquor or Butter come forth like Ice. If it coagulate in the neck, for fear of stopping, apply a Coal cautiously to melt it; the butter being come over increase the heat, and make a fire of suppression; and you will have a

sublimed Cinnabar of Antimony, impregnated Butter with its Cinnabar, by digesting them 24 hours in a close glass in ashes, then rectifie by a glass Retort. But note, if you use the Regulus, you will have no Cinnabar by augmenting the fire, but only a Mercurial Crystalline Salt, yet your butter will be the better.

The general Rule of this icy Oyl is external, and is a usual corrosive among Chyrurgions, patting a period to (only by anointing therewith) Gangrenes and mortifications; it kills pestilential Carbuncles and Plague-sores, and makes them fitter for other applications.

8. *Mercurius vita*, the Mercury of Life.

℞ Of the aforesaid Butter, add Water, and there will precipitate a white powder; wash it till it is not sharp, then dry it; you may rectifie it by a Retort.

It is called *Pulvis Angelicus*, *Aquila alba*, *Algorith*; and uncorrected purgeth both by Vomit and Stool, all bad humors in the body, chiefly in the first Region: It is good in the Plague, French Pox, malign Ulcers, Fevers, Agues, Gout, Dropsie, Jaundice, and all Diseases of the Head, given in substance gr. ii. ad iv. or in infusion (℥i in Sack ℥xvii.) to ℥j: where note, the purging vertue of this *Mercurius vita* will never be all drawn out by infusion; therefore the same may serve many times. It is corrected in a glass with a Sand Fire, till it begins to be red, and then often abstracting from it Spirit of Wine. Being thus corrected, it purges well by Stool, and takes away all manner of filthiness, of which you may give gr. iii. ad vi.

Note,

Note, the uncorrected only purges, if you give with it Broth well seasoned with Salt; and some say, it may be given to gr.vii.

10. *Mercurius Vitæ Catharticus*, Purging *Mercurius Vitæ*.

℞ *Mercurius Vitæ*, common salt, ana, grind them together on a Marble, then wash off the salt with water, and it will only purge; Thus Hartman and Senertus. Or thus, ℞ *Sal Nitre* melted with fire, and *Mercurius Vitæ* ana, which put in by degrees stirring them; being cold, the *Mercurius Vitæ* will be at the bottom like a *Regulus*, which sweeten. Or thus, ℞ *Mercurius Vitæ* ʒj. *Sal Nitre* ʒiv. melted, cast them in by degrees, then wash away the *Nitre*; dry the powder, and add *Salt* ʒij. grind it eight or ten hours on a Marble, and wash it again.

Of that which is corrected the first way you may give a gr. iv. ad viij; but of those which are prepared, the two last ways a gr. vi. ad x, or xii. They work excellently by Stool, and carry away all the impurities of the body.

11. *Bezoardicum Mineralli Crollii*, Bezoardick Mineral.

Colledge.) ℞ Rectified Butter of Antimony ʒiij. put upon it drop by drop as much Spirit of Nitre, abstract by a sand heat; and put on it again new spirit of Nitre ʒi. Evaporate it again, and repeat the operation 3 or 4 times; what remains grind, and calcine a Crucible for an hour; then edulcorate by washing, and firing upon it S.V. 3 or 4 times.

Salmon.) In the preparation hereof you must note, 1. That if you have not Spirit of Nitre, you may use AF.2. That Crollius makes it of Butter of Antimony made of

Antimony p.3. and Mercury sublimite (prepared with Vitriol and Salt) p. j. though equal parts are better. 3. That Medicines made of the Butter of Antimony are Antimonial or Mercurial, yet impress with the Character or Idea of Mercury. 4. That the following works may be performed at once, by putting on a larger quantity of spirit of Nitre. 5. That instead of abstracting the Spirit, you may precipitate by affusion of a quart of cold Sea-water, which Sea-water is made by dissolving of common Salt ʒiv. in a quart of water by boyling. It is an excellent Cordial, powerful against the Plague, Small Pox, and all other putrid and malignant Fevers: It is an Antidote against Poyson, and doth really wonders by heat. In all Diseases of the Head it is almost a Divine Remedy, and is a powerful Medicine against the Scurvy. Dose a gr. vi. ad xij, or xiv. in Conserve or Syrup; but in Conserve of red Roses it will become green immediately; it eases pain, and causeth rest.

12. *Bezoardicum Saturni*, The Bezoardick of Lead.

℞ Glass of Saturn and extract from it a Tincture with Butter of Antimony, fix it with Spirit of *Sal Nitre*; where note, that the Glass of Lead is made of red Lead, and powder of slints.

It is good against the suffocation of the Womb, pains of the sides, and most Diseases of the Spleen, as Melancholy, Pain, and obstruction thereof. Dose gr. vj.

13. *Bezoardicum Ferri*, The Bezoardick of Tin.

℞ *Regulus of Tin* (made of simple Antimony) ʒiij. melted in a crucible

ble, to which add fine Tin \mathfrak{zj} . levigate it on a Marble, and add Sublimate \mathfrak{zj} . distil by a Retort, and you have a Butter, which fix with Spirit of Nitre, by three distillations, or abstractions; then calcine (by Sect. 11.) quench it in S.V. dry it, so have you grey Bezoardicum of Tin according to Mynsicht.

It is a very powerful Sudorifick, eminent against obstructions of both Liver and Spleen, and excellent against fits of the Mother. Dose \mathfrak{a} gr. \mathfrak{ij} . ad \mathfrak{vii} . vel \mathfrak{x} . *Horstius Pharm. lib. 17.* commends it not only against most Womens Diseases, but also against Fevers, the Plague, Scurvy, Epidemick Diseases, and against every kind of deadly Poyson, or wherein any other Bezoardick may take place.

14. *Bezoarticum Martis*, The Bezoardick of Iron.

Extract a Tincture with Butter of Antimony, from the reverberated Crocus of Mars, and fix it with spirit of Nitre.

It is powerful against all fluxes of the Liver and Bowels, strengthening the Viscera. Dose ad gr. \mathfrak{x} .

15. *Bezoarticum Solare*, Solar Bezoar.

Be Tincture of Gold (extracted from the Oyl like solution of Gold, and sweetned by abstracting often from it strong Vinegar) \mathfrak{zj} . Butter of Antimony dissolved in spirit of Salt \mathfrak{xxiv} . mix them, unite by cobobation, then calcine, where note, that the Tincture of Sol is extracted with the menstruum of Basil, digesting them a month. Thus Tentzenius.

Or thus, Be Butter of Antimony \mathfrak{ij} . dissolve it by pouring on gradatim spirit of Salt: Take fine

leaf of Gold \mathfrak{zj} . dissolve it in A. R. mix both, and abstract the Menstruum by Degrees, and put it on again; add fresh spirit of Salt, abstract, reiterate it often, wash, dry, and fire the Calx with rectified spirit of Wine. Thus Crollius.

Or thus, Be Spiritual Gold (spiritualized by the Bezoardick spirit of Salt) \mathfrak{zj} . dissolve it in A. R. dissolve in the same Butter of Antimony rectified \mathfrak{xx} . mix both, abstract the Menstruums by a Retort, by often distillations: then with a gentle Calcination bring it to a Violet coloured powder; or with a strong Calcination to a purple. This is better than the former. Thus Schroder.

Or thus: Be Spiritual Gold (ut supra) add to it Butter of Antimony dissolved in spirit of Salt or A. R. unite and fix them by often distillations; then abstract, and by Calcination you will have a Bezoardick Gold, of purple colour and great force: Thus Hartman.

This is a wonderful Medicine in curing the French Pox, Plague, Gout, Dropsie, Jaundice, Fevers, and all Obstructions of Liver and Spleen, it is the seventh Medicament in Name, Number and Nature of those which may be called Powerful and Universal; it performs all that the Aurum Potabile, Tinctura Auri, Precipitatus Aureum, Aurum Vita, Hercules Bovij, or Manna Mercurij will do. It is a great Sudorifick, and may be given from gr. \mathfrak{ii} . ad \mathfrak{x} . That of Schroder is the best.

16. *Bezoarticum solare Compositum Salmonis*. The Author's Compound Solar Bezoar.

Be Of

℞ of Schrodors solar Bezoar
 ʒj. Bezoar-stone, Ens veneris, Oyl of
 Pearl, Extract of Contra-yerva,
 and the Verginean Snake-root, A.
 ʒij. Oyl of Cinnamon ʒiſs. Tincture of
 Coral and Saffron, Salt of Guajacum
 A ʒiſs. mix them well in a glaſſ
 Mortar, digeſt them in a cloſe Glaſſ
 for twenty days, and keep the Medi-
 cine for uſe.

It has all the Vertues of the
 former, beſides which it is much
 more powerful, in defending and
 comforting the heart, expelling
 Poyſon, and reſiſting the Fury of
 peſtilential and malignant Diſea-
 ſes: It is a Specifick againſt all
 Diſeaſes of the Head, as the Me-
 grim, Cephalæa, Apoplexy, Con-
 vulſion, Epilepſie, Paſſie, &c. It is
 prevalent againſt the Gout, Trem-
 bling of the Joynts, ſounding fits,
 and reſtores ſuch as are in Con-
 ſumptions: It opens all manner of
 Obſtructions; whether in the
 Head, Stomach, Bowels or Reins;
 chears the Heart, comforts the
 Senſes, reſreſhes the whole Body,
 and revives all the Spirits, Natu-
 ral, Vital and Animal. Doſe a gr.
 iij. to x. or xij. in any convenient
 Vehicle.

17. Bezoarticum Veneris, The
 Bezoardick of Copper.

Extract with Butter of Antimony
 a Tincture from ſcales of braſs, which
 fix with ſpirit of Nitre, as above,
 then ſweeten.

Some give this againſt the Le-
 proſie, and Diſeaſes of the Head
 and Brain, a gr. ii. ad vi. outward-
 ly it is good againſt old Ulcers,
 Sores, Fiſtula's, Tetters, Ring-
 worms, and the like, being mixt
 with ſome proper Unguent.

18. Bezoarticum Lunare, The
 Bezoardick of Silver.

℞ Green Tincture of Silver ʒj,
 Butter of Antimony diſſolved in ſpi-
 rit of Salt ʒxx. mix, and by diſtilling
 often to drineſs, fix it; where note,
 that the green Tincture is extracted
 with ſpirit of Wine from Silver, diſ-
 ſolved in Aqua fortis.

Or thus, ℞. Tincture of Silver,
 (extracted with diſtilled Vinegar
 from Silver diſſolved in A.F. and
 precipitated by Oyl of Tartar per
 deliquium) ʒj. Butter of Antimo-
 ny ʒxx. mix them and do as before.

Or thus, ℞ Sky-coloured Tin-
 cture of Silver (extracted with ſpi-
 rit of Urine, from Silver calcined
 with Sulphur) diſſolved in A.F. ʒii.
 Butter of Antimony diſſolved in A.F.
 ʒxx. mix, diſtil, circulate and
 unite them: This is much better
 than the former.

Or thus, ℞ Vitriol of Silver
 made with ſpirit of Nitre, and fix
 it into a Bezoardick Powder with
 Butter of Antimony. This is
 beſt.

It is a Specifick remedy againſt
 moſt Diſeaſes of the Head, as
 Apoplexies, Epilepſies, Convulſi-
 ons, Megrim, &c. It eaſes old in-
 veterate pains, is a good ſudo-
 riſick, and is excellent againſt an
 Eryſipelas. Doſe a gr. vj. ad
 xij.

19. Mercurii Calcinatio, The
 Calcining of Mercury.

It is done either by the fire, or by
 menſtrum; the latter is called pre-
 cipitation; of which hereafter; the
 former is thus done. ℞ Fine Quick-
 ſilver ʒj. fine Gold ʒj. make an
 Amalgama, which put into a glaſſ,
 broad at bottom and narrow at
 mouth (having an inward paſſage
 very narrow to the belly of it) ſo
 that the bottom of the Glaſſ may
 be

be only covered, which fix very even and plain in sand, that the Amalgama may cover the said bottom all over of an equal thickness; first make a very gentle fire, afterwards a stronger, by increasing of it by degrees; continue the calcination 40 days till the Mercury is red like Cinnabar; then wash it with S. V. dry and keep it for use.

It is both a strong Sudorifick and Emetick, and perfectly cures the French Pox, all sorts of Fevers, and Worms in six or eight times taking. Dose a gr. iii. ad vii. Thus may you calcine Mercury with Silver, and have an useful Medicine for most Diseases of the Head. The said Amalgama may also be calcin'd by putting into it little pebbles, and setting them over a sand fire, stirring them and keeping the Amalgama from the sides of the Vessel, till it sticks to the pebbles, and is calcin'd. It has the same Vertues and Dose as the former. Thus Hartman.

20. Panacea Mercurii Diaphoretica, The Sweating Panacea of Mercury.

℞ Fine Quick-silver ℥ij. Sulphur 3j. Sal Armoniack ʒiss. mix them till no Mercury appear, then sublime, and sublime the sublimate several time with its own Caput Mort, then increase the fire, and at bottom you have the Diaphoretick Panacea of Mercury.

It is a Sudorifick, and expels by the pores of the skin all noxious humours. Dose a ʒss. ad ʒss.

21. Precipitatus albus, White Precipitate.

Colledge.) ℞ of Crude Mercury driven from Sea-salt in a retort, p. ij. Aqua fortis of our description, p. i. make a dissolution according to

Art; in the interim provide brine of Sea-salt and fair water, as strong as you can make it, filter it, and put your Solution of Mercury into it, and immediately a white powder will precipitate, which is to be washed from its Acrimony in simple distilled water, or warm spring water, then dry it for use.

Salmon.) It is to be observed that in this operation you may, if you please, use Spirit of Nitre in stead of the AF. for then it is the easier dulcified. 2. It will be good to dissolve it in a long neck'd matress, of such a magnitude, as it be not half full, lest the Spirits in dissolving the Mercury should cause so great an Ebullition, as to cause the matter to run over. 3. That your Brine of Sea-salt be filtrated through a brown paper, lest its filth defile the precipitate.

This medicament is the gentlest of all the Purgatives drawn from Mercury, although prepared with AF. because it has a sufficientedulcoration: to Children you may give it from gr. iij. to vj. to men and women from gr. vi. ad xv. It purgeth downwards, and sometimes upwards, and is a powerful remedy against the Pox, Gout, Dropsie, Jaundice, and Worms. It fluxes as easily as Mercurius dulcis, because the wings of the Mercury are not clipt by so gentle a preparation: outwardly in Oynments it cures the Itch, Scabs, Leprosie, pocky Ulcers and Sores.

22. Precipitatus rubrus, Red precipitate, called Corrosive.

Colledge.) Make a dissolution of crude Mercury and AF. as before, then evaporate it till it be dry, at last

increase the fire, and stir the matter with an Iron till it be red, keep it in a Glass for use.

Salmon.) In this Operation after the abstraction of the AF. 1. put the matter into a Crucible, and if you reverberate it with a fire of suppression, 'twill be never the worse. 2. That you must not give fire so long till the matter be red, for then the Mercury would lose all its corrosive Salts, and be thereby disabled from consuming proud flesh, for which it is intended. 4. That AF. here is rather to be used than Spirit of Nitre, because we design it only for a Topick. It is a gentle Caustick and Escarcotick, eats away excrescencies and proud flesh: Chyrurgions mix it with *Basilicon minus* for the same purpose, as also against Pocky Pustuls and Ulcers: of this is made the *Arcanum coralinum*. Hartman saith, you may give inwardly of it from gr. vj. to xij. but 'tis a harsh Medicine.

23. *Arcanum Coralinum*. The Coraline Secret of Mercury.

Rx. Red precipitate, put it into a glass bell, which wash with warm water so long till the water come away inspid, put the precipitate into a glass Cucurbit, and put upon it spirit of Salt in double weight: affix to the Cucurbit a head with a glass Receiver, and in a sand fire draw off, till the precipitate is dry: the Cucurbit being cold, sweeten the ϕ by washing of it with cold Water, till the water come away inspid: then reverberate your ϕ (which is of a dark yellow) in a Crucible, till it become red as Coral: then burn off from it S.V. two or three times, which let cover the ϕ the breadth of two or three fingers.

Where Note, 1. That the Spirit of Salt in a great measure fixes the Mercury, and gives it a yellow colour. 2. That the flagration with S. V. makes the cathartick and emetick properties of the precipitate the milder. 3. That this medicament is nothing but Mercury calcin'd and dissolved Philosophically by AF; fixed by Spirit of Salt; then sweetned, and devested of its malign and volatile Salts by washing and flagration. It generally purges (sometimes vomits) gently opening all inward obstructions. It dissolves the Schirrus of the inward parts; is a great secret in the Dropsie, Jaundice, and *Cachexia*, and alone cures the Pox without fluxing because of its fixed nature. Dose. \grave{a} gr. iij. ad vj.

24. *Mercurius dulcis præcipitatus*, sweet precipitate.

Rx. Red precipitate, purified Quick-silver, ana, mix them, and put thereto so much dulcis'd S. V. as may cover them the breadth of three fingers; set them twenty days in a sand heat to coagulate.

This has the Virtues of the sweet sublimate, and may be given \grave{a} gr. iv. ad xiv. It is useful against the Pox, Gout, Sciatica, Jaundice, all Obstructions, and kills Worms: if mixt with any good Cathartick it has an excellent Operation.

25. *Præcipitatus albus Clofæi*, White Precipitate of Clofæus.

Rx. Spring water lbij. Sal Armoniack \mathfrak{z} iv. dissolve: put therein ϕ , sublimate in Powder \mathfrak{z} iv. in a glass bell, put them in a sand heat, if the ϕ is dissolved, then drop upon the Oyl of Tartar per deliquium, then

the water is like milk; let it settle, and decant the water, so have you a white Powder, which wash two or three times with flegm of honey, then sweeten with warm water.

It is an excellent Medicament against *Siphylis* or the French Pox, the Erysipelas, Elephantiasis, Leprosie, Scab, Itch, Scrophula, Scald-head, and other breakings out; washing the affected places with the decanted water, and taking the powder inwardly λ gr. viij. ad xij. in Confectio Hamech zij. It quickly cures.

25. *Præcipitatus cum Oleo Vitrioli*, Precipitate with Oyl of Vitriol.

Rx. Purged Quick-silver, dissolve it in the Red Oyl of Vitriol, abstract the Oyl by a Retort in Sand, and the precipitate will remain.

It is Corrosive, and only for external use in Pocky Ulcers, and Pustuls; chiefly serving to make the Glas of Mercury, of which see Sect. 41. following.

26. *Præcipitatus cum Oleo Sulphuris*, Precipitate with Oyl of Sulphur.

Rx. Purged Quick silver lbj. Oyl of Sulphur per Campanum 3xj. digest two days in Sand, and distil in a glass Retort with three cohobations: the fourth time add fresh Oyl of Sulphur, and augment the fire towards the end till the Retort be red hot, so have you a white mass; wash it in warm water, and powder it: then put it into a glass only stoppe with wool, and put it into a strong sand fire for a week or more, that if any Φ be quick it may sublime: then fire from it S. V. thrice, and keep it for use. Thus also may you do it with Oyl of Vitriol, and Oyl of

Salt; it is but common Turpetum Minerale.

This is an excellent thing in most desperate diseases, and all contaminations of the blood and humours; It cures the French Pox, Plague, Malignant Feavers, Poyson, Pocky Ulcers, Scabs, Leprosie, Catarrh, &c. Dose λ gr. iij. ad vj. Sennertus Vnzer.

27. *Præcipitatus Coralinus*, The Corallated Mercury.

Rx. Fine Quick-silver, rectified Spirit of Niter A 3ij. digest till dissolution; draw off the Spirit in Sand, with a Bolt head; add fresh Spirits zij, draw it off, repeat this three times, and you shall have a fine Corallated Φ , which Calcine at a gentle fire, and it will be sweet without any Corrosion.

It has the same Virtues and Dose with Arcanum Coralinum at Sect. 23. and indeed much exceeds it in all the intentions.

28. *Præcipitatus dibaphus*, Incarnate Precipitate.

Rx Quick-silver 3j. A F 3ij. dissolve, then add warm water 3ij, and after fresh Urine of a healthful man, so will and incarnate precipitate fall.

Hartman saith it only purges; and has the Virtues of the Arcanum Coralinum, you may give λ gr. vj. ad x. of xij.

29. *Præcipitatus cum Aqua Oorum*, Precipitate with Water of Eggs.

Rx. Pure Mercury, to which put water of hard Eggs distilled; and the Φ will be precipitated to the bottom; to which add often the same water distilled from Egg-shells calcined: cohobate it in Sand or Ashes till the precipitate is a red and sweet powder.

It cures the French Pox to a wonder, it is excellent against all Pocky Scabs, Pustuls, and Ulcers, facilitates the Cure of Fistula's, and cures, as Paracelsus saith, Ulcers in the neck of the Bladder, even such as are accounted incurable, by injection into the yard with a proper vehiculum: it cures a Gonorrhæa at three or four times using: it's so excellent for the aforesaid purposes, that Paracelsus calls it a Balsam. Dose gr. vij.

30. *Præcipitatus Luteus*, Yellow Præcipitate.

Dissolve Quick-silver 3i. in A F 3ij. præcipitate with Oleum Tartari per deliquium, sweeten it by washing it by warm water.

It has the Virtues of the Arcanum Coralinum, at Sect. 25. and is given à gr. v. ad x.

31. *Gryphus Mercurii*, Precipitated Sublimate.

Re. Sublimate corrosive 3liij. dissolve it in boyling water gal. ij. filter, and præcipitate with Salt of Tartar 3liij. dissolved in ʒij. of fair water and filtered: decant the water and the præcipitate (which will be of a reddish or Orange Colour) sweeten by several times, washing it in a large quantity of fair Water scalding hot.

It is of great force in curing the French Pox, and all Venereal Ulcers, all Blotches, Boils, Scabs, and Pocky pustuls; it is prevalent against Tetters, Ring-Worms, cancerous Sores, Itch, Leprosie, &c. by taking of it inwardly either mixt with Conserve of Roses, or any Cathartick proper to the disease; à gr. iij. ad vij. or x. in very strong persons: and washing the places affected with the decanted Water.

32. *Præcipitatus Miraculosus*, Wonderful Præcipitate.

Re. Tincture of Smiris 3ij. Quick-silver ʒbiss, mix them and the Mercury will presently fall; reverberate it in a red hot Crucible, for an hour, then edulcorate it.

It is a gentle Cathartick and Emetick, given in gr. iij. or iv. profitable against the Gonorrhæa, and other Venereal Distempers: if you reverberate the præcipitate two hours, it will purge only downwards; but if six or seven hours, it will be fixed and only sudorifick. The Tincture of Smiris for this purpose is thus made. Heat the Stone red hot and quench it sometimes in fair water; then calcine it in a strong fire till it is green and sticks to the sides of the Crucible (which will be in a few hours) Extract à Tincture with distilled Vinegar or S. V. decant and abstract to the thicknes of new honey.

33. *Præcipitatus Vitriolatus*, Mercury Vitriolated.

Dissolve Quick-silver in A F (made of Vitriol p. 2. Niter p. 1.) abstract and cobobate three times: then put to it rectified Spirit of Vitriol and distill, cobobating six or seven times: Lastly, put on S. V. and cobobate ten times, then wash it with Balm water.

It is a secret against the Drop-sie and French Pox. Dose à gr. ij ad vj. Where nôte. 1. If the said A F has Allom p. 1. it will be much the better. 2. That for want of the rectified Spirit of Vitriol, you may add to the dried præcipitate strong Spirit of

Vinegar p. iiii. and in a close luted glass, digest in Balneo for two or three days; and then abstract to dryness. 3. That being thus prepared it may be given to Children against Worms in gr. ij.

34. *Præcipitarsi Correctio*, The Correction of Precipitate.

Boyl precipitate in distilled Vinegar till it is all dissolved; then add S. V. or Oyl of Tartar, to precipitate it again; wash and dry it for use.

Or thus. Wash it in distilled water, then gently reverberate it, and fix it with Oyl of Eggs, and many cohobations.

Or thus. Digest it a Week in Spirit of Vitriol; draw it off with a strong fire, cohobating thrice; then digest it in S. V. three Inches about for twenty four hours, decant, add new Spirit, and repeat it the third time.

Or thus. R. Precipitate white, red or yellow, wash it often with rose-water; then digest it in S. V. in which a good quantity of Camphir is dissolved, and after 14 days abstract.

By these ways the Emetick property is taken away, (but chiefly by the three first) and the said precipitates work downwards: being very useful for all the purposes to which the said precipitates uncorrected were intended. Thus they are excellent against the Pox, Plague, Feavers, and Epidemical Diseases, Purging downwards à gr. iv. ad. vij.

35. *Laudanum Minerale*, Mineral Ladanum.

R. Arcanum Coralinum, and extract with distilled Vinegar a dark Yellow Tincture: draw off the Tincture of Vinegar, and with S. V. ab-

stract the redness, which decant, and the remaining powder will be red, which keep for use.

It causes Sweat, procures Sleep, eases all manner of Pains, and opens the Belly; you may give gr. ij. at night going to bed, in any convenient Vehicle.

36. *Præcipitatum Auræum*, Golden Precipitate.

R. Leaf Gold or filings of fine Gold ʒss; dissolve it in AR. Take Glass of Antimony ʒss, dissolve it in AF. Quick-silver cleansed ʒiij, dissolve it also in AF. mix all the Solutions, and draw a water by an Alembick; then add fresh AR. draw off the same often, till the precipitate fumes not when laid on a red hot Iron: calcine all that the AR. may be spent; then distill from it SV. six times, and calcine the matter gently.

It purifies the whole Mass, of blood, and the whole Body; no Pox can stand before it: it cures Jaundice, Scurvy, Dropick, Gout; it provokes Urine, drives up all moist humours, and opens all Obstructions. It cures the Epilepsie, Collick, Quartan, and all Cancerous and Malign Ulcers. Dose à gr. iv. ad. vij.

37. *Hercules Bovij*: Bovius his Hercules.

R. Filings of fine Gold ʒj. Mercury cleansed ʒiv. Dissolve both a-sunder in AR. distill both together with a Gradual fire, and after in the end with a greater, in a Retort: then with fresh AR. dissolve the Precipitate at the bottom, and the Sublimate in the neck of the Retort, and distill so long, till all become a precipitate; then calcine it on a red hot Iron, to fix the corrosive Spirit,

Spirits, and sweeten it by ablution in S. V.

Bovius saith, It is the best of all purges. It kills all Worms, cures the French Pox, Small Pox, Plague, Ulcers, Sores, Scabs, Leprosie, Quartans, and many other Diseases otherwise incurable. Dose \dot{a} gr. iij. ad viij. with Sugar of Violets, a rear Egg, Broth, or in purging Pills.

38. *Aurum Vitæ Hartmanni, Hartman's living Gold, or Gold of Life.*

R. Filings of Gold \mathfrak{z} j, dissolve it in AR. \mathfrak{z} iiij, keep the Solution hot, take Quick-silver \mathfrak{z} xij, dissolve it in a quart of AF. mix them till they are black, distill in an Alembick in Sand with a gradual fire till the Still and that at the bottom is red hot; then calcine it with a red Hot Iron, till the spirits of the AF. are gone, wash it with water, and distill SV. often from it by Cobobations, so have you *Aurum Vitæ*.

It is a powerful remedy against the French Pox, and all manner of corruptions of the whole Body. It resists Poyson, and is a singular Antidote against the Plague, Small-Pox, and all malignant Feavers. Dose \dot{a} gr. iij. ad viij. The *Aqua Regia* for this work is thus made, *R.* AF. of Vitriol, Niter, Allom, A. \mathfrak{z} iiij. Sal Armoniack \mathfrak{z} j, distill them in Sand in an Alembick.

39. *Aurum Vitæ Sennerti, Sennertus his Aurum Vitæ.*

R. Quick-silver purified \mathfrak{z} v. fine plates of Gold \mathfrak{z} ls, make an Amalgama, and wash it with Vinegar till all the blackness be gone: then put it into a Retort; and add AF. (made of Vitriol. p. ij. Niter p. j.) digest in Ashes or Sand, that the Mercury and Gold may be at the bottom in a Powder, then distill and increase the

fire at the end, that the bottom of the Retort may be red hot, and all the corrosive Spirits come forth; the vessel being cooled, powder the matter & pour on the abstracted AF. again, and cobobate, and there will be a red powder at the bottom; keep that, casting a way what was sublimed at the sides of the Retort; then heat an Iron red hot, and sprinkle on the Mercurial powder, not only to dry it, but to evaporate what is volatile, then keep it in a close glased vessel.

This is one of the most noble Medicines yet this day known in the World, and will do as much as any whatsoever. It will easily, safely, and speedily cure any old, malign, and deplorable Disease; it purges by Stool gently without vomiting, except the Stomach be foul. It is a wonderful Arcanum in the Dropick, Pox and Gout, as also in the Jaundice, all manner of defluxions, Scurvey, Leprosie, Scabs, Itch, Plague, Poyson, all Feavers, whether continual or intermitting, the Cholick, Dysentery, and all obstructions in any part of the body. It begins, continues, and perfects the Cure alone; thoroughly and substantially rooting out all maladies, and the Seeds of every Disease. It is a great Diaphoretick, and may be given \dot{a} gr. iij. to viij, if to purge, in purging Pills; but if to sweat in some Cordial Essence, Elixir, or Electuary.

40. *Præcipitatum Viride, Green Precipitate.*

R. Filings of Copper \mathfrak{z} j. dissolve it in AF: Take Quick-silver \mathfrak{z} viij, dissolve also in AF. mix these solutions, and abstract in sand, increasing the

the fire at the end, that most of the Spirits may fly away: dry, and digest the Precipitate in distilled Vinegar in B. M. a day and a night, then boyl, that the purest part of the ☿ may be dissolved in the Vinegar: decant, abstract, and dry without washing.

It is a most admirable thing in the Pox, and cures it to wonder: It stops a virulent Gonorrhæa, if it runs very much, and provokes it, if it scarcely runs at all, which being daily used, will at last stop the Flux, and take away both cause and effect. Dose à gr. ii. ad viii. It is to be noted, That the sign of good Precipitate is that when you rub your Gold hard with it, it whitens it not as Quick-silver doth.

41. *Vitrum Mercurii*, Glas of Mercury.

Rx. ☿ Precipitate with red Oyl of Vitriol ℥ii. Silver calcin'd, Sal Armoniack A. ℥i. mix, and sublime, so the Salt will ascend, leaving the other two at the bottom like pure Gold; put them into a Crucible, and give a melting fire, that they may turn into Glas.

This Glas cures the Pox, a continual and violent Head-ach, with most other Diseases of the head, either in substance, or infusion, Dose in substance à gr. ii. ad vi. In infusion (℥ss in Sack ℔bi.) to an ounce.

42. *Vitrum vitæ Mercurii*, The Glas of ☿ Vitæ, or Amber of Antimony.

Abstract in Alambick from ☿ Vitæ the volatile partes, melt the rest with a strong fire to a transparent Glas, which will be a Hyacinth, if long in the fire.

It is of the nature of ☿ Vitæ and

Vitrum Antimonii, and takes its name of Amber from its form. The volatile parts being strongly abstracted, come forth like Butter of Antimony.

43. *Turpethum Minerale*: The mineral Turbith.

Rx. Of Quick-silver purified ℥ii. spirit of Niter ℥iii; put them in a glass Retort luted up to half its neck: place it in a Furnace of a circular fire (being very gentle) till the ☿ be dissolved; abstract the spirit to dryness; take off the Retort, and let it cool; put upon it Oyl of Sulphur (some use of Vitriol, others Oyl of Salt) ℥i. and set upon the same fire and evaporate; repeat this 3 or 4 times, with the same quantity of Oyl of Sulphur: This done, break your Vessel, and in the bottom you will have a white lump, which pulverize: upon this powder put warm water, wash, and it will immediately become yellow; repeat this washing so often till the water comes away as insipid as it was put on; dry it in a Sand heat, and you have a powder yellow as Gold; upon this put VS, and burn it off, which repeat 3 or 4 times to make the Mercury yet sweeter.

It is to be noted. 1. That some order it to be put into a melting heat after the flagration of the VS, others not; for it is so fixt by the Oyl of Sulphur, that it will endure a melting fire, without losing scarce any thing of its weight. 2. That if your Mercury be not pure, you may cleanse it by distilling of it in a glass Retort luted in a fire of suppression. 3. That Spirit of Niter is much better and not so corrosive as AF. and ought rather to be chosen for all inward Preparations; for

for with *AF* is made the red Corrosive, except which, and the Spirit of Niter no Spirit is sufficiently able to dissolve the *Mercury*. 4. That in the dissolution of *Mercury*, you use but a small heat, lest the Spirit should evaporate. 5. That the Calx of the *Mercury* made by the Spirit of Niter is white, which had it been done by *AF* would have been red. 6. That the affusion of the Sulphur, is to fix (in some measure) the *Mercury*, because the Oyl of Sulphur is a fixt Oyl; the Oyl of Vitriol is not so proper, because it is more Volatile. 7. That the affusion of warm water upon the Calx, dissolves the Salt, and causes it to grow yellow. 8. That the flagration of *VS* carries away those venomous Volatile Salts which washing with water could not. 9. That this preparation of *Mercury*, is nothing but a dissolution and calcination by the Spirit of Niter, and a fixation by the Oyl of Sulphur, being then freed from its malignant Salt and Sulphur by reiterated ablutions with Water, and flagrations with Spirit of Wine.

It purges strongly both upwards and downwards all foul and malignant humours: It cures the Pox, Gonorrhæa, Leprosie, Itch, Gout, Sciatica, Jaundice, and Dropsie: It cleanses the head, and all parts of the Body from impurities; there is scarcely a better remedy in desperate diseases. It is good against Poyson, Plague, Agues, Malign Feavers, Old Sores, Fistula's and rebellious Ulcers. It is so fixt that it will hardly flux, yet is nevertheless very violent, because it is not perfectly fixt; but indeed if it was all fixt, it would not be dissol-

ved in the Stomach, and so would produce no other effect than as much Gold in Powder: Dose 2 gr. iij ad vj. The Colledges way of making it is thus.

Colledge.) R. Of Crude Φ , Oyl of Vitriol separated from all the flegm, ana: Still them in Sand, increasing the fire by degrees, till all the moisture be flown up in the Air, a white mass remaining in the bottom which being separated from the crude Φ , wash in spring water, and forthwith it will be yellow; wash it in warm water, from all its Acrimony, dry it, and keep it for use.

Salmon.) which of these ways are best, we leave the knowing Artift to judge, we could make long Animadversions thereupon, but to avoid prolixity, are now willing to spare them.

44. *Mercurius sublimatus Corrosivus*, Corrosive sublimate.

Colledge.) R. Of Vitriol purified by solution, filtration, and coagulation, and calcined till it be yellow lbj. Bay Salt in like manner purified 3 dried, Nitro in like manner purified, A lbjs. Crude Φ cleansed by straining through leather or a linnen rag lbj; bruise them all in a wooden Mortar with a wooden Pestle till the Salts are in powder, and no bits of the Φ are seen, which will be best done, if you do it at divers times; as for example sake, taking Vitriol and Φ , A. 3j. Salt and Niter, A. 3ls. at a time, and so forth, till the whole matter be brought into a powder and mixt: then put this matter into a glass body, so capacious, that it fill not above the one half of it; place the Glass a little above the middle in Sand, in a convenienc Furnace, giving fire to it by degrees, even to

the height. Twelve or sixteen hours being passed, the sublimate Mercury will stick to the top of the Glass, which being so separated and bruised sublimed by itself the second and third time, and oftner if it be too impure, till it be as white as snow, and free from any dross.

Salmon.) In mingling the Ingredients in a Mortar, you will the easier reduce them to a paste, by sprinkling upon them distilled Vinegar. 2. That which is brought to us from Venice is far cheaper than we can make it. 3. That the Dutch often sophisticate it with Arsnick, by which it is made a greater Poyson; but you may discern the cheat, by dropping upon it a little Oyl of Tartar per deliquium, for if it be good, and without Arsnick, it will become as yellow as Gold; but if there be Arsnick in it, it will turn as black as any Ink. 4. That the best Venetian Sublimate is in little grains as big as hempseed, that of Holland is in great pieces like Mineral Antimony or Bismuth. 5. That this Sublimate is nothing but Quicksilver calcin'd and incorporated with Niter, and the Spirits of common Salt and Vitriol by the fire. 6. That the Salt and Vitriol remain in the bottom almost as heavy as when they went in; for the fixt substance of the Salt and Vitriol serve only to hinder the melting of the Niter, and their Spirits by conjunction, to corrode the Mercury. 7. The common sublimate of the Shops is thus made. R. Quick Silver dissolved in AF. dried Vitriol, common Salt decripitated, ana; mix them, and sublime. 8. Beguimus thus: R. of Q purified, Vitriol rubified, Salt decripitated, A lbj. Sal Ni-

ter ℥iiij. mix and sprinkle a little Spirit of Vinegar, and sublime: R. of this sublimate lbj, Salt decripitated ℥xij, Vitriol rubified ℥iiij, sublime again: then R. of this last sublimed Q lbj, Salt decripitated ℥xij, mix and sublime as before. If it be not fine enough, repeat the sublimation, till it is as you desire. 9. Some, as Hartman, prepares it with the Regulus of Antimony thus. R. purified Quick-silver Regulus A. lbj. Vitriol rubified ℥viii, Salt melted ℥xii. sublime in a glass sublimatory putting on Aqua Fortis, mix the sublimate with the Caput Mort. and sublime again, which repeat the third time.

These Sublimates are strong Poyson; they kill Rats and Mice, or any living Creature, by burning their Bowels, as if they had live coals in them. Their chief use is to make, 1. The Turbith Mineral of Horstius. 2. Mercurius dulcis sublimatus. 3. The Emetick Powder. 4. The Phagedenick water. If any be poysoned with it, the only Antidote is a very large quantity of fair water; all other things are in vain, but take heed you give no Oyl first, for although it may a little sheath the Acrimony, yet it will not dissolve the matter, but make it more perilous, for then water cannot operate upon it, to dissolve it, because it cannot penetrate the Oyl, with which it is as it were cloathed, &c.

45. Turbithum Minerale Horstii, The Turbith Mineral of Horstius,

R. of Q Sublimate in powder, dissolve it by boiling in Rain-Water, filterate the Solution into a glass ves-

sel,

set, and put in by drops so much Oyl of Tartar per deliquium, as may precipitate all the Mercury, viz. so long as you can see a red or yellowish powder fall: being settled, decant the water, and sweeten the powder by washing in fair warm water with ablution: so often repeat, till the yellowish powder has lost all its sharpness: Then put upon it the best Aqua mellis, six or seven times rectified, cohobating so often, till the powder is perfectly freed from the salts, and fine. Lastly, put upon it S.V. rectified, a fingers breadth above the Mercury; set it on fire, and continually stir it with an Iron Spatula, till the S. V. is consumed by burning.

This is a truly noble Medicament, and has all the Virtues of the Turpetibum Minerale, at Sect 43. being infinitely more gentle and friendly to nature, and truly more effectual. It is inferior to no simple preparation of Φ whatsoever, and is called by *Horslius* the true and genuine Turbith Minerale; it generally works by sweat, sometimes by Stool and Urine, and sometimes (if the Stomach be foul) by Vomit: It is a perfect Cure for the French Pox, and beyond any other Medicine cures Ulcers of the Reins and Bladder; it cures all external Sores, Botches, Scabs, Fistula's, &c. whatsoever Dose à gr. iiii ad viij. Where note, that this is only the *Gryphus Mercurij* at Sect. 31. cohobated with rectified Aqua Mellis, and perfectly freed from all malignity by the flagration of SV.

46. *Mercurius dulcis sublimatus seu Panchymagogen Minerale Quercetani*, Sweet lubrified Mercury, or the tamed Dragon.

Colledge.) R^e of corrosive Subli-

mate lbj, powder is, to which put fix of purged Quick-silver, incorporate them by beating in a Marble Mortar, till the Quick silver cannot be seen, (to which put so much distilled Vinegar, as may make the powder wet, or only moist:) put it into a small long necked Matraass (unluted, that you may see to the bottom,) which place above the middle in Sand; put first a gentle fire under it, then increase it by degrees six hours, that the Φ may be driven from the bottom into the middle Region of the Matraass, which being separated from that at top and bottom, sublime it the second time, and the third, if need be (but abating the quantity of Crude Φ) till it has lost its Acrimony, is freed from all impurity, and becomes white as Snow.

Salmon.) Where note, 1. You may take either the Venetian Sublimate or the other; or you may do it with *Hartman's* regulated Sublimate. 2. In bruising of it, stop your Nose, lest the vapours of the Sublimate should make your head ake, or cause some worse effect. 3. If there be in the new sublimate any spots of blackness, scrape them off, as also any kind of greyish Powder, which will be in good quantity in the neck of the Matraass (which scrapings may serve for external Unguents.) 4. Upon every new sublimation, reduce the matter into a small powder. 5. Let the Matraass be of that bigness, that there may be at least five parts empty, when the matter is in it. 6. That it matters not whether all be sublim'd, lest the sublimate being over-heated, should contract

tract a yellowness. 7. That if it be good and inspid at the second sublimation; desist; for by much sublimation the purging force is abated, and oftentimes, the more it is sublimed, the blacker it grows. 8. that distilled Vinegar helps forward the corrosion of *Mercury*; Spirit of Vitriol would make it black. 9. That in the first sublimation, you must only give a gentle circular fire, to elevate and mix the Sublimate and Quick-silver together; but in the following sublimations you must give a greater fire, to raise the Sublimate to the middle of the Matrafs. 10. That, when the sublimation is over, if you take not the Matrafs from off the fire, the Sublimate would be yellow, and sometimes blackish. 11. That the ☿ would rise so high, as to fly out of the Matrafs, were it not for the Salt and Vitriol, which are fixed. 12. That it would be much better to use equal parts of Sublimate and Quick-silver: for less Corrosive would be too little to corrode the other; and more, makes the matter difficult to be dulcified.

It purges by Stool chiefly, and is a great Secret against the Scurvy, Dropsie, Pox, Gout, Plague, Yellow Jaundice, Pleurisie, Kings-Evil, and all other deplorable Diseases proceeding from putrefaction of Humours: It purifies the blood, and as *Horslaus* says rectifies the very marrow in the bones. It is a singular Cathartick, and may merit the name of a *Panacea*. It brings forth all poysonous and vitious Humors, yet works not at all by vomit. It powerfully dries up Catarrhs, dissolves

all Scirrhus and Scorbutick Tumors whether inward or outward, kills Worms, heals all sorts of Ulcers, whether Venereal or not, causing all old and malign Sores, Cancers, and Fistula's to heal: it is so safe, it may be given to Children: If you flux with it, it may be taken a ʒj ad ʒj, augmenting the Dose for four days together. Otherwise you may give it gr. xv. or xx. at a time, and in strong Constitutions to ʒss. at most. It is best in some purging Extract or Powder of *Coloquinida*, or Scammony, and so made up into Pills, or mingled in the Pap of an Apple, and so taken. It may be given in all affects and Diseases, either at night going to bed, or after midnight, which is better. To Children you may give gr. viii. or x. with half as much Powder of Scammony; and to strong persons, if to gr. xvi. you add ☿ *vite* gr. ii. (being ground for about three-hours together) and Scammony gr. xii. it will be much more powerful, and may be taken every other day. Where note, That you levigate the ☿ *dulcis* into a most impalpable Powder before you give it. You may take this sweet Sublimate with any of the former Precipitates in like manner, as with the corrosive Sublimate.

47. *Præcipitæ sublimatio*, Precipitate sublimed.

R. ☿ dissolved in Spirit of Vitriol, and sweetened; Quick-silver, ana, sublime till it is sweet. Thus may you dulcifie yellow præcipitate, by subliming it alone.

These have all the Vertues of the former sublimate, and gently

ly purge; the first à gr. xi. ad xii; the yellow in gr. viii.

43. *Aqua Phagedenica*, The water against Cankers.

Make a strong Lixivium of Quicklime in boiling water, filter it thro a Glass Bell, in ſbi, of which dissolve of corrosive Sublimate ʒi. stir them and there will be an Orange colour, and the sublimate will fall to the bottom; if the water be too strong, put upon it more Lime water, till it is as you would have it. But Fallopius makes it by putting into Lime water ſbi, Mercurius dulcis a sufficient quantity (viz. ʒii.) and dissolving it by boiling.

Either of these Phagedenick waters are good against inflammations, Fistulas, malignant and Venereal Ulcers, Sores, Cankers, Scabs, Pustles, and other breakings out, as also the Itch, Leprosie, and the like, curing them without danger: first, wash well with the water, then apply to the affect a Linnen Cloth dipt therein, so will the proud flesh (if there be any) be consumed, the putrefaction corrected, the Sore cleaned, and incarnated, and at last by its drying quality cicatriz'd and made well.

49. *Sublimatum cum Nitro*, Sweet Sublimate with Nitre.

R. Of sublimated Precipitate (as Sect. 47.) what you please, and mix it with Sal Nitre, and some drops of Oyl of Salt and you have a liquid fat-like Talk.

It purges gently without troubling the Stomach, cools and opens obstructions, and is reported to prevail against Agues. Dose ʒj.

50. *Panacea Mercurij Cathartica*, the Purging Panacea of Q.

R. Of Q vitæ (made of Q precipitate p. ij. Antimony p. i.) ʒii. Quick-silver coming from the distillation of butter of Antimony ʒi. sublimate and make Mercurius dulcis.

It is more powerful than the common Mercurius dulcis, and is given à gr. v. ad ix. or x.

51. *Arcanum Coralinum Clossæi*, The Coraline Secret of Clossæus.

R. Virriol, Salt, A. ſbi. Allum calcin'd, Quick-silver A. ſbi. mix them, sublime, and make a reverberating fire, increasing it at the end; gather the red sublimate, sweeten, grind it, and digest it in spirit of Vinegar four fingers breadth above it three or four days, decant the Vinegar, put on more, and digest till no more will be dissolved: abstract the vinegar, and you will have a powder of an Orange-tawny colour, which edulcorate, by washing in hot water.

This has all the Virtues of the former Arcanum at Sect. 23. It purges all Humours, and may be given à gr. v. ad x. But it works better, if you mix with this Arcanum gr. viii, Aurum fulminans, Crocus Martis A. gr. iii: you may give it mixt with Extractum Rudii.

52. *Mercurius dulcis sublimatus rubrus*; Sweet red Sublimate.

R. Purified Quick-silver ſbi, Nitre well calcin'd, Virriol calcin'd red, A. ſbi, powder and mix them well, to which, put spirit of Vinegar, till the Q cannot be seen; sublime in sand in a luted still, which cover; first comes the slegm, then in 24 hours continuing a stronger fire, it will be sublimed, the sublimate is both red and yellow, mix them, adding Sal Nitre, Allum gently calcin'd, A. ſbi, Vinegar a sufficient quantity, sub-

sublime as before 12 hours, so have you a red and yellow Sublimate: gather each a part, calcine yellow with a gentle fire till it be red, wash both with rose water, and farther correct by burning SV. from them, where note, That the black matter which ascends with the ♀ into the bead, must be cast away in all sublimations.

It purges chiefly by Stool, having all the virtues of Turpetum Minerale; it is a great secret in the French Pox, Dropsie, Gout, Scabs, Ulcers, Cankers, &c.

53. *Laudanum Mercuriale*, Mercurial Anodyne.

R. The Salt of the Caput Mort. of AF. (made of Vitriol and Niter) ℥xii. Quick-silver purified ℥iiii. Niter purified ℥ls. powder and mix them into paste with Vinegar, and sublime, so have you sublimate white, dark, yellow, saffron coloured, and red: gather the Saffron coloured, and red, (casting away the other) and sublime them again alone in Sand with a strong fire, and all will be red, which correct with S. V. fired upon it.

It has according to Hartman all the Virtues of the former. Dose of both a gr. iij. ad viij.

54. *Cinnabaris Artificialis*, Artificial Cinnabar of Paracelsus.

R. Sulphur ℥vj, or viij, melt it, and add to it Quick-silver ℔ij; stir them with a wooden Sparula, till they are united: being cold, grind them upon a Marble, and sublime in a luted sublimatory, first with a gentle, then with a strong fire: first ascends a yellow fume, then a red, then a blackish red, which when you see, make a violent fire 4 or 5 hours and the sublimed Cinnabar will stick to the sides, which take off, casting

away the faces at bottom and top. Or thus. R. Brimstone ℥iij. Mercury ℥iiij. mix them; let the Sulphur burn till there is a black powder, then sublime twice, and you have a red, which is the Cinnabar.

It makes an exceeding good Colour: I have known it given with success to Children, against the Worms; and also put into Oyntments against the Itch, Scabs, and Pocky Boyls and Ulcers. Dose a gr. ij. ad iij.

55. *Manna Mercurij*, Golden pan-chymagogen.

R. Of ♀ dulcis what you please, elevate it by many sublimations, till it turns to fixed Christal, which dissolve into a Liquor: of which take ℥vj. Gold calcin'd ℥ij. mix, and digest 40 days; cohobate till it melt in the Still like Wax.

This is a great Specifick and Secret against the French Pox, Gonorrhæa, and all manner of Venereal evils, it eases pains in all parts, fetches ♀ away, although in the head: By this, Quick-silver is brought to the highest degree for Physick, and is made of wonderful Virtue for curing of the Kings Evil, Falling sickness, Vertigo, Megrims, and other Diseases of the Brain. It is no ways inferiour, but contains all the Virtues of the *Aurum Vita*: It is a good Sudorifick, and cures chiefly by sweating. Dose a gr. iij. ad viij.

56. *Flores Mercurij*, Flowers of Quick-silver.

R. Of AR. (made of Niter, Salt, and three times as much Boile Armonick) ℔ij. Quick-silver. ℥x. dissolve, abstract the AR. to two thirds, let it Christalize; then dulcify the Chrystals; upon which put S. V.

S. V. Tartariz'd three inches above, putrifie or digest 40 days in B. M. in a Retort. Part of the S. V. being drawn out, take out the ♀: sublime part of it with a strong fire, and part will be a red precipitate: to both mixed add Vinegar distilled, digest 24 hours, filter hot, and the dissolved ♀ will become like Silver flakes, Orient like shining Pearl, and the menstruum clear: Gather these flowers with a glass spoon, and dry them, (that they may not lose their Lustre) between brown Paper four times doubled. Gather Fresh flowers with other distilled Vinegar, cast on the remaining matter, which repeat three or four times.

They purge pleasantly and without Violence, are good against Corrupt humours, Scabs, Itch, Leprosie, Quotidian Agues, and have the Virtues of the Arcanum Coralinum: Dose gr. vi in a Pill made up with the Juicy of Liquorice.

57. *Liquor Mercurij*, Liquor of Quick-silver.

Digest sublimate in a glass in a gentle heat for 40 days, then dissolve per deliquium.

It is designed against all old Sores, Ulcers, Fistula's, Leprosies and Malignant wounds.

58. *Liquor Mercurij præcipitati*, Liquor of Precipitate.

Rx. Precipitate made with AF. digest it in S. V. till it is sharp, decant; add more S. V. till the Acrimony is gone, and the Calx attenuated: then add Spirit of Vinegar, digest, decant and add more, till all the powder is gone into the Vinegar, abstract the Spirit of Vinegar, and lay the Powder in a Celler to melt with Rise-water: where note, that if the distilled Vinegar cannot dissolve the

Calx, you must precipitate again. It has the Virtues of the Arcanum Coralinum, and may be given in the same Dose.

59. *Liquamen Mercurij Sublimati*, Liquor of Mercury sublimate.

Rx. ♀ precipitate, Sal Armoniack, A 3j. sublime them, digest the sublimate with S. V. three inches above for a week, then drive them through a Retort; first comes the S. V. then the Oyl; which in a cold place will be coagulated into a white Mass; and afterwards in a Celler be dissolved into Liquor.

The intention of this is to dissolve Gold; and make it Volatile.

60. *Oleum Mercurij reverberati* *Unzeri*, Oyl of Mercury Reverberated.

Dissolve sublimate in AF. (made of Niter p. j. Sal Armoniack p. i.) digest in a close Vessel, then distil: levigate the remainder upon a Marble, and add more water so often, till all the sublimate remains fixed in the bottom: reverberate it about two hours gently; grind it again; digest with S. V. and abstract so long by cobobation till the ♀ turn to an Oyl. This may also be done with Spirit of Vinegar, and then with S. V. brought to a kind of fat; which distilled in sand, augmenting the Fire by degrees, gives you a milky Liquor, which digested and distilled, yields a white and sweet Oyl.

Either of these Oyls are very prevalent against the French-Pox, Gonorrhæa; all Venereal Diseases, Gout, Dropsie, Cancers, Fistula's, Old Sores, Scabs, filthy Ulcers, Ulcerated Kidnies, and the Stone, used both internally

nally and externally. Dose gut. iv.
61. *Liquamen Mercurii cum Scanno*, Liquor of ☿ with Tin.

Rx. Quick-silver, Tin, A. ℥iiij, stratified, and add ☿ often sublimated ℥viij. dissolve by deliquium; digest the Liquor with V S. forty days; then abstract in B. M. (with a gentle fire left the Oyl ascend) cohobate 5 times, and at the bottom you shall have Oyl of Mercury with Tin.

It has all the Virtues of the *Oleum Mercurij rubrum*, at Sect. 3. and may be used both internally and externally. Dose à gut. ij. ad vj.

62. *Oleum Mercurij Diaphoreticum Hartmanni*, Hartman, sweet Diaphoretick Oyl of Mercury.

Rx. Precipitate, beat and dissolve per deliquium upon plates of Iron, tinned over; put to it V S. distil by Cohobation till the Spirit grows sharp; then gently abstract the V S. and a sweet Oyl of ☿ will remain.

It has the Virtues of the former, and may be given in the same Dose.

63. *Sulphur Mercurij*, Sulphur of Mercury.

Rx. Amber of Antimony (at Sect. 42.) Extract the Sulphur with spirit of Vinegar; decant and abstract.

It is a powerful Sudorifick in the French Pox, and all dangerous and malign Diseases, as Plague, Spotted Fever, Small-Pox, Measles, &c. Dose gr. ij. or iij.

64. *Aquila Cælestis*, The Mercurial Eagle.

Rx. Sublimate Corrosive (made with Salt and Vitriol) from which extract a yellow Tincture with distilled Vinegar in ten weeks: decant, and abstract the decanted li-

quor to dryness, so have you the *Aquila Cælestis* in a red powder.

This Medicine is commended by Paracelsus almost in the highest degree for curing the French-Pox, Gout, Epilepsie, and most Diseases of the Head, rooting them out by sweat. Dose à gr. ij. ad iij.

65. *Tinctura Mercurij*, Tincture of Mercury.

Rx. Mercury of Antimony, p. j. red Oyl of Vitriol rectified, p. iij. abstract gently, that the Spirits may remain with the Mercury: then augment the fire, and some of the ☿ will be sublimed; which put to the ☿ in the bottom, and add as much fresh Oyl of Vitriol as before; abstract and sublime, repeating it thrice; then levigate it on a marble, putting on it a threefold quantity of V S. rectified: circulate till you see a separation, and the ☿ swim on the Oyl: after separate the Oyl circulate for 24 hours with spirit of Vinegar, so the Oyl will be weighty and sink, and the malignity of the Mercury will rest in the Vinegar.

Basil Valentine holds this as a Panacea, or Universal Medicine, prevalent against all Diseases, chiefly those of the Head and brain: It cures the Apoplexy, Epilepsie and Spasme, is good against the Vertigo, Megrim and Palsie, and helps the loss of Memory. Dose ad gut. vj.

66. *Sal Mercurij*, Salt of Mercury.

Rx. Of the Body that remains after the preparation of the *Stella ☿* or Oyl of ☿ at S. 5. upon which put the same fragrant Oyl: digest and extract the Salt of ☿ to the decanted extra-

ction

From put V.S. digest, and abstract in ashes; and after it you shall have an Oyl of ☿, and the Salt at bottom.

It has all the Vertues of the

Stella Mercurij, at Sect. 5. and a Secret against the French-Pox, and all Venerial Diseases. Dose 2 gr. j. ad iij.

C A P. VIII.

Antimonium, Στίμμι, ὁ Στίμις, זדדדב, *Zadadab*, Antimony, or ♂ *Stibium*.

I. Crude Antimony.

Antimony is a Mineral Body consisting of 1. A Mineral Sulphur, partly golden, partly combustible. 2. An undigested Mercury of the nature of Lead, being more concocted than Quick-silver. 3. Of a Saline and Earthy Substance. It is found in Germany, but the Hungarian and Transylvanian is best, having a Golden Oar in it, of an obscure red (from the great quantity of Sulphur) with bright long flakes: this has divers names, Basil calls it *Oriental*; Paracelsus the Red Lyon: some a *Wolf*, because it devours all Metals but Gold; some *Proteus*, because it changes it self into all Colours by fire; others, the *Philosophers Saturn*, because like Lead. The goodness is tryed by rubbing the powder of it with a smooth Dogs tooth upon yellow Paper, where if it leave a red spot thereon it is good: others take the Tincture of it with spirit of Vi-

negar, and evaporate it on an Iron Plate or Pot-sheard, where if it leaves a red Powder it is good also. *Quercetan* commends the Vertues of Antimony to the Skies and says it can never be praised enough. That which is Crude is drying and binding; it is said to make Cicatrizes or Sears, yet to eat off Excreescences, cures Diseases in the Eyes, and the Falling-sickness, if given in the Fit.

2. *Antimonij Crudi Infusio*, Infusion of Crude Antimony.

R. Of Crude Antimony ʒi ss, lavigate it upon a Marble and infuse a night in ʒiiij. of Rhenish or Canary Wine, then strain.

It makes one good Dose. *Poterius* saith, it both purges and vomits, and some say, it is an Universal Medicine against all Diseases.

3. *Aqua Benedicla* Rulandi, The Blessed water of Dr. Rulandus.

R. Glass of Antimony ʒi, Canary ʒi ss. digest in a gentle heat, till the Wine has a Scum (which is Poison)

Poyson) filter the infusion and keep it for use.

This *Brendelius* takes to be the *Aqua Ben. Rulandi*, but his was made of a *Crocus Metallorum*; you may steep it in Rhenish Wine, Hydromel, Ale or other proper Liquor, and give ab ʒss, ad ʒiss; It is excellent against the Megrim, and Headach from a foul Stomach: it is good against the falling-sickness, Apoplexy, Pleurisie, Melancholy, Feavers, Plague, Gout, and Stagnation of the Blood, and other Diseases arising from Obstructions. It may also be exhibited in Clysters against the Cholick.

4. *Spiritus Vitæ Aureæ Rulandi*. Golden Spirit of Life of *Rulandus*.

Some think it to be the infusion of *Troches Albandal*; but this I had from a Manuscript. R. *Crocus Metallorum* ʒi. infuse it in the Tincture of *Colagintida*, made with Cinamon water ʒbi, then filter it, and keep it for use.

This is an universal cleanser of mans Body, from head to foot, purging away all humours, and evacuating every kind of filth, both by vomit and stool: you may give ʒij. in some Cordial water or wine, and either increase or diminish the Dose as you see convenient. It provokes the Terms, and cures the Green-sickness in Virgins; give it not to Women with child.

5. *Vitæ Antimonij infusio Hartmanni*, infusion of the Glafs of Antimony.

R. Of the Glasse ʒj. or ij. Canary ʒbiij. or iv. set it in the Sun, or a sand digestion close stopp till the Liquor is of an Orange Colour, then filter and keep it for use.

It is an excellent Vomit, chiefly good in Pleurisies, Coughs, Asthma's, Lost Appetite, Quinsies Wind, and many other Diseases in the middle Ventricle. Dose a ʒi. ad ʒij; Some infuse about ʒ's. of the Glasse whole, for some hours in a draught of Ale or Wine, and give the decanted Liquor: where note, that it is a wonderful thing, that the Glasse of Antimony loseth no Virtue by infusion, but will retain the same strength after more than a thousand infusions.

6. *Aqua Ophthalmica à Croco Metallorum, Quercetani*, Eye water from *Crocus Metallorum*.

R. *Crocus Metallorum* ʒij. infuse it in fennel Water ʒvj. filterate and keep it.

It is excellent against all soreness of the Eyes and suffusions by only washing of them.

7. *OxySaccharum Emeticum*, Vomiting Syrup of Vinegar.

R. Glasse of Antimony in powder ʒss. whitewine Vinegar ʒviiij. Infuse them in a gentle Balneo 24 hours, filter, add Sugar ʒiv, and make a Syrup.

It is a good Vomit against Surfeits, Quartan Agues, continual Feavers, and intermitting, as also against Poyson, and all Pestilent and contagious diseases, Small-Pox, &c. if given before they come forth. Dose a ʒij. ad ʒviij. Sala.

8. *Syrupus Emeticus*, The Vomiting Syrup of *Angelus Sala*.

R. Glasse of Antimony in powder ʒi. Cinamon, Zedoarie ʒij. red Sanders ʒi. Saffron ʒss, Vinegar of Roses ʒxxx. Seeds of Angelica ʒij. digest in B.M. 24 hours; strain and filter: then with as much Sugar as is the weight of the Liquor, dissolved

in Rose-water make a Syrup.

It evacuates all Vicious Humours out of the Ventricle by Vomiting and has the Virtues of the former. Dose à ʒj. ad ʒiij. what *Vitrum Antimonij* and *Crocus Metallorum* are, we shall in their proper places shew.

9. *Tinctura Antimonij*, Tincture of Antimony.

Colledge.) *R.* Of the best Antimony, Salt of Tartar, of each what you please, melt them in a Crucible red hot, for the space of half an hour: then the matter being taken out and freed from the scales, whilst hot, let them be reduced into powder: to which put of the best spirit of Wine, so much as may cover it the breadth of three or four fingers: digest them together for some time, till the Tincture is extracted, after which evaporate the superfluous part of the Spirit of Wine.

Salman..) *Basil Valentine* is the Author of this Medicine: who concerning Tinctures of Antimony saith, that the distilled Vinegar fixeth the purging force of them, so that they only work by Urine, sweat and spitting; although afterwards extracted with S. V. whereas on the contrary S. V. increaseth the purging faculty; where note, 1. That Tincture of Antimony, is only a piece of Antimony dissolved in a proper Menstruum, and exalted. 2. That it is most commonly extracted with Acids, and exalted with Alkalies or S. V. 3. That in the former prescript *Basil* orders the Calx to be washed with hot water. 4. That although before abstraction the S. V. and Tincture are imbodyed together; yet afterwards the S.V.

cannot be again mixed with the Tincture, but will always swim at top.

This Tincture is a most Excellent thing to open all Obstructions of the inward parts, as Liver, Spleen, Lungs, Womb, Reins, Bladder, Stoppage of the Terms, Green-sickness, Jaundice, Dropsie, Consumption, Asthma, Pleurisy, Melancholy, Ulcers inward and outward, Scabs, Itch, French Pox, Feavers, Continual, Putrid, and Pettilential, Cachexia, Measles, Small-Pox. Dose à gr. iij. ad xij. in Sack.

10. *Tinctura Antimonij Fabri*, Fabers Tincture of Crude Antimony.

From Antimony in powder extract a red Tincture with spirit of Vitriol, by digestion Philosophically in ashes; then decant and abstract the Spirit in B. M. with a gentle fire, till the drops be yellow: to the remaining Tincture, add S. V. rectified, and abstract it in B. M. with a gentle fire, till the drops are yellow again: then change the recipient; and with a stronger fire, force out the Tincture.

It is chiefly Sudorifick, yet sometimes purges and vomits; It is a most excellent Traumatick and Balsam, curing wounds both inward and outward; It also cures Poyson, and the Leprosie; and expels all venomous and malignant Diseases. Dose à gr. iij. ad viij.

11. *Balsamum Vine Basilij*, *Basil*s Balsam of Life.

R. Powder of Antimony red hot, cast into a radicate Spirit of Vinegar, extract a red Tincture, digest an hour and filter; digest another hour, and it will be black; abstract the

the Spirit to dryness, edulcorate, and circulate with S. V. four Inches above it, two hours in a close vessel, decant and distil in Ashes, and the S. V. will come forth, impregnated with the Tincture of Antimony: Circulate it a fortnight, and the Tincture will settle, which separate from the Spirit.

It is excellent to cleanse the blood, cure Morpew, Scabs, Itch, Leprosy, &c. cheers and comforts the Spirits, revives the Heart, and helps the fainting fits. Dose ad gr. x.

12. *Manna Antimonij*, Manna of Antimony.

R. Powder of Antimony, extract a Tincture with Spirit of Mineral Antimony acuated with its own Salt; filter, and abstract the Spirit, then digest with S. V. and abstract again.

It has the Virtues of the former; besides which, it is excellent against the French-Pox.

13. *Tinctura Vitri Antimonij*, Tincture of the glass of Antimony,

R. Glass of Antimony Levigated ʒi. put to it Spirit of Vinegar sharpened with Spirit of Salt, three Inches above; digest in Sand 40 days, but with so gentle a heat that your hand may well endure it, stirring it twice a day: decant the Tincture, and abstract the spirit of Vinegar to a brown and sharp coagulation, (but Basil saith to a dry powder) which placed in the air dissolves, which keep in a Glass close stopp'd, lest it evaporate: put to this S. V. and extract again, decant the Tincture, and draw off the S. V. so have you the Antimonial Antidote; which because it is hard to be kept from melting, you may make into a Bezoardicke thus: R. Of this Antimo-

nial Antidote made to the thickness of honey ʒij. burnt Hearts borne ʒi. mix and gently dry.

This expels humours by Sweat, Urine, and Salivation, and has all the Virtues of the *Tinctura Antimonij* at Sect. 9. of the Antidote you may give ʒ gr ii ad ix: of the Bezoardick ʒ gr. iij ad xij. Where note. 1. That Basil before he adds S. V. sweetens the powder by often abstractions of distilled waters. 2. That then being put into the white of a hard Egg, it will turn to a Liquor of great use in the cures of Green wounds, Old Sores, and Malignant Ulcers. 3. That instead of Spirit of Vinegar, you may take AF made of Vitriol, Niter, Lime, A. ʒi. Sal Armoniac, ʒiv. distilled Vinegar ʒiij. digested and distilled by a Retort, and rectified with as much common Salt.

14. *Tinctura Croci Metallorum Bickers*, Tincture of Crocus of Metals.

R. Crocus Metal. extract a Tincture with Spirit of Vinegar, decant the Liquor, and abstract the Spirit to the thickness of honey.

It purges and sweats strongly, and is good in all Cases where either the Crocus or Tincture of Antimony are good. Dose ʒ gr. vi. ad xij. Where note, That the Tincture may be made much stronger if it be impregnated with the Salt of Antimony, drawn from the remaining Fæces, of this Tincture.

15. *Tinctura seu Oleum Antimonij Clossæi*, Oyl of Antimony of Clossæus.

R. Ashes of the Regulus of Antimony, (made by a burning glass) a dd
Spi

Spirit of Vitriol, to overtop it one Inch: digest 2 or 3 days, decant the Solution, add more Spirit of Vitriol, decant the Solution again: mix the Solutions, and extract a flegm by Sand or Askes, and there will remain a liquid Oyl: dissolve it in S. V. and abstract again.

This has the Virtues of the former, and is a Specificke against Feavers and Epilepsies, and may be given in gr. iv.

16. *Tinctura Vitri Antimonij Basilij*, Basilis Tincture of the glass of Antimony.

R. *Glass made of the Mineral of Antimony, and extract with its proper Vinegar, then decant, and abstract: Extract the second time with S. V. decant, cast away the faeces and circulate so shall you have an Essence of Antimony.*

This is a Panacea or Universal Remedy against all Diseases. Dose gut. viij.

17. *Tinctura Vitri Antimonij Hartmanni*, Hartmans Tincture of Glass of Antimony.

R. *Glass of Antimony made with Gold, extract a red Tincture by digesting 24 hours with S. V. rectified four Inches above the Glass: decant and keep it for use.*

It sweats (given a ʒij. ad ʒijj. or more) without vomiting or offending the Stomach, purifies and cleanses the blood, purges flegm, expels the Dropsy, cures the Gout and Scurvy, and takes away pains of the Pox (given with our Universal dyet) it expels Poyson, and sends an Antidot against the Measles, small Pox, Plague, and all Pestilential and Epidemick Diseases; and causes Ulcers to heal. Where note. 1. That the Faeces may be

made a white Solar body. 2. That though the purging property is restrained by Spirit of Vinegar, yet it is good to draw the first Tincture therewith.

18. *Antidotus Pantagogus*, The Universal Antidote and Purge.

R. *Calx of the Regulus of Antimony with Iron, dissolve it by digestion in Spirit of Sal Gem; distil with a strong fire, and a thick Oyl comes forth: rectifie it, and then put to it S. V. circulate, and distil with four Cobobations, always casting away the Faeces: then either keep the Liquor, or precipitate it.*

This wonderfully cleanses the blood, cheers the Heart, revives the Spirits, strengthens the whole body, so tifies the Stomach, causeth Appetite, opens all manner of Obstructions, cures Cachexies, Hypochondriack Melancholy, Jaundice and Dropsie, by gentle purging. Dose of the Liquor gut. ij. or iij of the precipitate gr. iij. or iv.

19. *Tinctura Magistralis Antimonij*, seu *Lapis Igneus Basilij*, The Magisterial Tincture of Antimony, or Basilis fire-stone.

R. *Of the Tincture of Antimony (at Sect. 16) ℥ij. common Salt of Antimony ʒij. mix and join them by Circulation with S. V. for an hour: draw off the S. V. in B. M. to driness, and with a Violent fire, draw a red Oyl with a Retort: rectify this Oyl in B. M. that a quarter part may exhale: then take of this rectified Oyl, and of the Mercury of Antimony precipitated (by Spirit of Vitriol of Iron) of each a like quantity: digest in a luted Vessel, that the precipitate may dissolve,*

and all be united; so shall you have a red powder, fluxible and fixed.

Basil affirms the Virtues of this Tincture, to be equal to those of the Tincture of Gold in the cure of Diseases. Dose $\frac{1}{2}$ gr. iv. ad. vj. or x.

20. *Tinctura Sulphuris Antimonij*; Tincture of the Sulphur of Antimony.

R. Of the Sulphur of Antimony (at Sect. 37.) Extract a Tincture with the Spirit of Sale: abstract, and digest with S. V. then draw off the also.

It is a great Sudorifick, and strengthens much, cures the Cholick, Contractions of the Joynts, Scurvy, Jaundice, and Gout. Dose. $\frac{1}{2}$ gr. i. ad. iv.

21. *Tinctura Antimonij rubri*, Tincture of Red Antimony fixed.

R. Of Red Antimony fixed, and Extract a red Tincture by digesting it with Spirit of Vinegar, decant and abstract to dryness: then extract with S. V. by digesting them together, decant, and abstract as before; but Basil reverberates before extraction with S. V.

It is a great dissolver, and opener of Obstructions: it breaks Imposthumes, dissolves Congealed Blood, cures the Scurvy, Jaundice, Gout, Sciatica, and French Pox. Dose gr. ij. or iv.

22. *Tinctura florum Antimonij Virolatorum*, Tincture of Vitriolated flowers of Antimony.

R. Vitriolated flowers of Antimony (at Sect. 78.) and extract their Tincture with the Spirit of Virol of Copper; and then with

the Spirit of Saturn (at Sect. 9. cap. 6. of this Book.)

It is powerful against all manner of Feavers, Measles, Small Pox, Plague, and all other Pestilential, Malignant and Epidemick Diseases. Dose gut. iij. ad. vj.

23. *Tinctura florum Antimonij rubrorum*, Tincture of the red flowers.

It is extracted out of the red flowers of Antimony, by digestion in S. V. and then abstracting the Spirit.

It gently purges, opens all Obstructions, cures the Scurvy, Tertian and Quartan Agues. Dose $\frac{1}{2}$ gr. ij. ad. vj.

24. *Electrum*, seu, *Elixir aurum Antimonij Paracelsi*; The Electrum or Golden Elixir of Antimony of Paracelsus.

R. *Regulum* of Antimony (made of *Mercurius Vitis*, and as much Tartar and Sal Niter) Fine Gold, A $\frac{1}{2}$ ss male and powder them together, to which put Sal Armoniack $\frac{3}{4}$ ss. sublime till the star of Antimony ascends, and a useles Earth remains at bottom, wash off the Sale, and put the remaining Gold and flowers of Antimony in the bottom into an Hermetical Egg, in a fixed Capella, with such a fire as may not melt them, but may make them of a yellow Citron Colour; and afterwards of a Chesnut colour: Extract these flowers with Spirit of Vinegar alkaliniz'd, and then draw out the Tincture with S. V. as before taught.

It cures Consumptions, Hypochondriack Melancholy, Black Jaundice; Dropsie, Gout, and Scurvy. Dose the quantity of g. j. twice a day in Syrup of Harts tongue.

25. *Tinctura Antimonij* cuncta

Nitre, Tincture of Antimony with Nitre from *Köfler*.

R. Nitre purified with Sulphur, Antimony, ana, mix and reverberate for five or six days, keeping the Crucible continually red hot: take it out, and sweeten it: Extract first with Spirit of Vinegar, then exalt the Tincture with S.V.

It is a Sudorifick, and expels all Malign and Venomous Diseases; Sometimes it Purges. Dose à gr. ij. ad gr. v.

26. *Tinctura Sulphuris Auræ Antimonij*, Tincture of the Golden Sulphur of Antimony.

It is extracted out of the Golden Sulphur, by digestion in S.V. decanting, and abstracting to the thickness of Honey.

It is Sudorifick, but chiefly Cathartick, purging gently, not the first, but the third day: It strengthens the whole Body, restores in Consumptions, cures Feavers and the Gout. Dose à. gr. j. ad iv.

27. *Tinctura*, seu *Anidorus Antimonij aurea*, The Gold-like Antidote.

R. The Precipitated Flowers of the Regulus of Iron, reverberate them till they are yellow; put them into Philosophick distilled Vinegar; Extract a Tincture (leaving a white sediment:); separate the Menstruum by Ashes; and the remainder, which is a light red powder, reverberate three hours; then put to it Spirit of Juniper, and digest so will nearly all the powder unite with the Spirit, and be a glorious red Tincture.

This is a Medicament of Wonderful Virtue, and (as *Quercetani* faith) equal with *Aurum Potabile*. It Digests, Dissolves. Is Sa-

dorifick, Alexipharmick, Analeptick and Pectoral. It opens and cures all internal Impostumes, dissolves congealed Blood, takes away putrefaction and corruption, is powerful against the Scurvy, Dropick, Gout, Kings-evil, Plague, Poyson, French-Pox, Leprosie, and many other Diseases. Dose à gut. vj, ad x.

28. *Tinctura & Balsamum Reguli Antimonij*, Tincture and Balsam of the Regulus of Antimony.

Digest powder of Regulus in B.M. with Spirit of Turpentine, till it is red, decant, abstract the Spirit, adding water, then dissolve in S.V. digest and abstract.

It is an excellent Pectoral, eminent against Coughs, Colds, Asthma's, spitting of Blood, Ulcers in the Lungs, *Peripneumonia*, Consumptions, &c. Dose gr. ij. or gr. iv. in some other pectoral Liquor.

29. *Tinctura florum Reguli Antimonij*, Tincture of the Flowers of Regulus.

R. Red flowers of the Regulus of Iron, reverberated in a close Glass four days; from which extract a Tincture with Radicate Spirit of Vinegar: abstract the Menstruum by distillation, and extract a new Tincture with S.V. then extract the Spirit to driness.

It is a Medicine of that universal purport that few can parallel it; for it rectifies most Distempers of the Stomach, frees the body from Excrements, it takes away Flegm, comforts the Spirits, restores and augments the natural heat, is an admirable thing against the Scurvy, Cachexy, and the Green-sickness in Virgins: It

takes away Scabs, Itch, Scurf, and Morpew, cleanses the whole Mass of Blood of all putrefaction, and cures the Kings-Evil, Leprosy, and French-Pox. And if instead of the *Regulus* of Iron, you use the *Regulus* of Tin, it prevails against Fits of the Mother, and the Cholick. Dose à gr. iv. ad. viij.

30. *Tinctura Antimonij cum Auro*, The Tincture of Mercury of Antimony with Gold.

R. Of Gold purified with Antimony ℥ss. Mercury of Antimony ℥iij. stratise, wash, and cleanse and extract a bright Rubine like Tincture; use divers Cobobations with the lesser Circulate of Paracelsus, which at last separate from the Tincture.

This is said to be an Antidote or Gift sent from God, from the many Virtues which it has; It cures the Plague and all Pestilential Fevers, expels the Small-Pox and Measles, cures Morpew, Scabs, Itch, and Ulcers, Leprosy, Gout, Scurvy, and other great Diseases. Dose à gr. iij. ad. v. in Treacle water.

31. *Antidotus Antimonij Quercetani*, Quercetani's Antidote of Antimony.

R. Flowers of Antimony (calined white per se, sublimed with Sal Armoniack, and sweetned) to which put Philosophical Spirit of Vinegar, digest several weeks to redness; then decant and destil to dryness, sweeten the powder by washing, and put to it Aqua Vitæ of Coral, (or the burning spirit of Coral) extract a clear Tincture, then with a strong fire, by a Retort, drive out a red Oyl with the Aqua Vitæ, which keep for use without separation.

This, as Quercetani saith, is a true and always to be admired Balsam of Life, curing Epilepsies, Apoplexies, Palsies, the Scurvy, French Pox, Morpew, Itch, Leprosy, Plague, and all Pestilential Diseases, purifying the whole Mass of Blood. Dose à gut. 6 ad x. xij. or more.

32. *Tinctura ex Oleo Antimonij*, Tincture from Oyl of Antimony,

R. Sugared Oyl of Antimony, digest it with Spirit of Vinegar three or four inches above it, abstract it, so have you a very red Tincture at bottom. This Tincture Kessler exhales with S.V. and then draws it off again.

This has the Vertue of the former and purges by Stool, in gr. iij.

33. *Tinctura ex Regulo stanni*, Quercetani's Tincture of the *Regulus* of Tin.

R. The Sulphur of the *Regulus* of Tin sweetned, extract a Tincture with a Spirit drawn from Honey and Vinegar, and acuated with its own Salt: abstract the Menstruum, and coagulate ten days with the burning spirit of Juniper; then distil by a Retort with many Cobobations, and separate the Spirit of Juniper from the sweet Tincture at bottom.

It is a good Pectoral, and cures all Diseases of the Lungs: It is excellent against Pleurifies, Asthma's, the Peripneumony, and Consumptions. Dose à gut. iij. ad vi.

34. *Tinctura Florum Antimonij*, seu *Lihum Paracelsi*, Tincture or Lilly of Paracelsus.

R. Antimony, Sal Armoniack, ana, drive them through a Retort that nothing but faces remain; take these

flav-

flowers sweeten them, and reverberate in a close Vessel to redness; then with S. V. rectified, extract a Tincture, which evaporate to the thickness of an Oyl.

It strengthens the Stomach, is good against all Feavers, Quotidian, Tertian, and Quartan, Melancholy, Fits of the Mother, black Jaundice, Scurvy, Gout, Dropfie, Morpew, Scabs, Itch, Leprosie, Terms stopt, and all Obstructions both of Liver and Spleen. It cleanses and restores the whole body, and mixt with *Extractum Rudii*, and Tincture of Coral, purges gently, Dose \dot{a} gr. iij. ad viij. Where note, That *Quercetan*, *Porer*, and *Sala*, think that the dark red flowers sublimed by Sand, and those reverberated to redness, are as good as these.

35. *Arcanum Antimonij Basilii*, Basil's Secret of Antimony.

Rx. Of the Flowers of which the Lilly is made (before they are reverberated) to which put rectified spirit of Vitrrol; circulate so long till they are very well united, then distill, and add S. V. and draw a Tincture by Circulation from the feces being settled, which if you will, you may rectifie again.

It strengthens the Stomach, fortifies the heart, revives the Spirits, causeth a good Appetite, takes away the Hypochondriack Melancholy, is good against the Cholick and fits of the Mother, and indeed has all the virtues of the former, Dose gr. j. or ij.

36. *Tinctura Antimonij Oleosa*, Oily Tincture of Antimony.

It is made by boiling crude Antimony finely powdered in Oyl of Turpentine, covering it four or five fin-

gers high in a strong glass Vesica placed in Sand, so long till it be highly tinged: after which (if you please) you may gently abstract the Oyl till it leave behind a body of a Balsamick consistence and deep redness.

This has power to resolve hard Tumors, and help outward evils better than the Balsam of Sulphur. Where note, That being more abstracted, you may with S. V. draw a powerful Tincture, which again freed from the Spirit by abstraction, would have the consistence of liquid honey, and be an excellent Balsam. having all the virtues of the Lillies of Antimony aforesaid.

37. *Sulphur Antimonij Hartmanni*, Hartman's Sulphur of Antimony.

Rx. Crude Antimony, grind it fine, and put on it a strong Lixivium of Lime-water, digest it six days, and nights: then filter, and by gentle boiling bring it to a red powder.

It performs all that the *Crocus Metallorum* will do, which it doth by purging and vomiting. Dose \dot{a} gr. ij. ad v. Where note, That these Sulphurs are commonly drawn forth either with distilled Vinegar, or with a strong Lixivium, the Composition of which here follows. 1. Rx. Sal Tartari, Calx vive, Salt, ana, dissolve in water and filter it. 2. Or thus, Rx. Ashes of Bean-stalks, common Ashes, Quick-lime, ana, make a Lixivium. 3. Or thus: Take Quick-lime lbj. water lbxv. dissolve and filter.

38. *Sulphur Antimonij Beguini*, Beguinus his Sulphur of Antimony.

Rx. Powder of Antimony, boyl it in a strong Lixivium, then precipitate with rain water, impregnate with the spirit of Vinegar.

The Virtues and Dose are the same with the former. It Vomits faster than many other Antimonial Medicines.

39 *Sulphur Croci Metallorum*, Sulphur of the Crocus of Metals.

Boyl the Crocus in a strong Lixivium (as in the sweetning of it :) decant and precipitate with distilled Vinegar drop by drop.

It has the Virtues of *Crocus Metallorum*, but it is finer, yet given in the same Dose.

40 *Sulphur Croci Metallorum Clossæi*, Clossæus his Sulphur of Crocus.

R. Antimony, Tartar, both in powder, A. ℥iij. Cement them five hours in a red hot Crucible; then boyl it in Vinegar two hours; strain, and coagulate.

It is like the former in Virtue.

41 *Sulphur Antimonii Calcinati*, Sulphur of Calcin'd Antimony.

R. Antimony, Tartar, ana, mix and melt them: put them into a pot full of warm water, digest 24 hours, decant, and precipitate by dropping in Vinegar, or by decocting. Or thus, R. Iron ℥iij. melt it, and add Antimony ℥vj. put into Spirit of Vinegar, then decant and precipitate. Or thus R. Filings of Iron ℥iij. Antimony vj. Sulphur as much, mix and cast on them as they are melting Niter and Tartar gradatim, melt all together, then extract the Sulphur by boiling in a strong Lixivium, and precipitate with distilled Vinegar.

This Medicine excellently opens Obstructions, is good against the Cachexia, Green-sickness, yellow Jaundice, and most oppressions of the Bowels and Stomach, it works by Stool, and may be given à gr. iij. ad viij.

42. *Sulphur ex Regulo Antimonii cum stanno*, Sulphur of the Regulus of Tin.

R. Make a Crocus of the Regulus of Jupiter and Niter, boyl it (not being mastic) in a strong Lixivium, decant and precipitate with spirit of Vinegar. Or thus: R. Crude Antimony with Tin precipitate by A.R. and edulcorate, boyl it in a strong ley of Tartar, decant, evaporate the humidity, and at bottom is the Sulphur.

It has the Virtues of the former, but it is a specifick against fits of the Mother. Dose à gr. ij ad vj.

43. *Sulphur Auratum Antimonii*, Golden Sulphur of Antimony.

Boyl the dross which is separated from the Regulus in a Lixivium, filter, and with Vinegar precipitate a Golden Sulphur, sweeten it by washing it in a large quantity of Rain water.

It is a Vomit; and sometimes it both vomits and purges. I have known it given four or five times in a pleuritic with great success. Dose gr. vj.

44. *Sulphur Cinnabaris Antimonii*, seu *Sulphur verum Antimonii*. The true Sulphur of Antimony.

R. Powder of the Cinnabar of Antimony, boyl it in the second sort of Lixivium, at Sect. 37. (or of Salt of Tartar of Niter and Lime) for the space of four hours; decant the Lixivium from the Quick-silver at bottom, filter, and set it leaning, that the red Sulphur may settle, which sweeten with hot water, and dry gently, so have you the true Sulphur of Antimony.

This is excellent good in the obstructions of the Liver, Spleen,

Mesentery, Womb, and Hypochondrys, &c. It causes expulsion (both by vomit and stool) of all evil humors in the whole body. Dose a gr. ij. ad v.

45. *Panacea Sulphuris Antimonij*, the Antimonial Heal-all.

Rx. Of the former Sulphur at Sect.

44. *Regulus of Antimony*, A. ʒj. Oyl of Sulphur per Campanum, or rectified Oyl of Vitriol ʒij. digest ten days or more in gentle heat, then distil in Sand with a glass Retort; (Cobobate four or five times) then urge it twelve hours with a fire of the highest degree, to force all over, which take, wash with Rose-water and dry; but the powder will be the better if it be reverberated for five or six hours. Then take of this powder ʒj. Magistery of Coral ʒij. mix them.

It is an excellent Sudorifick, and as *Agricola* and *Hartman* say, an universal Medicine to cleanse the Blood, and cure all hard, difficult, malign and Chronick Diseases curable by sweat, chiefly the French-Pox, Leprosie, Scurvy, and Epidemick Diseases. Dose ʒss. ad ʒj.

46. *Nix Antimonij Diaphoretica*, Diaphoretick Snow of Antimony.

Rx. Of Sulphur of Antimony (at Sect. 37. or 38.) ʒj. Oyl of Vitriol ʒij. mix them in a Retort, and they will be black as Pitch: ferment it 12 hours, and by reverberation you will have a sharp water, and at bottom a Powder white as Snow.

It powerfully causes sweat, brings forth the Small-Pox and Measles, and kills worms; with it you may make an excellent Cosmetick, thus: Rx. Hogs Lard lbj. Sheeps Suet lbj. Orris roots ʒiv. Cloves, Coriander, Benja-

min, Storax Calamite, Calamus Aromaticus, A. ʒij. Lavender flowers ʒvj. boyl them with sliced Apples lbj. Rose-water lbij. in B. M. for 12 hours in a glass Body, strain into a glazed Vessel, and when it is cold take away the water and the fæces; then melt with a gentle heat, and in a hot Mortar stir till it is white, to every ounce of which put of this snow of Antimony ʒj. Musk gr. ij.

47. *Liquor ex Scoria Reguli Antimonij*, Liquor of the Dross of Regulus.

Rx. Of the Dross of Regulus, put it into a Cellar, and it will dissolve because of its mixture with Tartar and Niter,

It is intended against all manner of fretting Sores, foul and eating Ulcers, Fistula's, and such like.

48. *Liquor ex Sale Vitri Antimonij*, Liquor of the Salt of Glass of Antimony.

It is made by melting it in the white of an Egg, or a Bryony or Radish Root made hollow, and put in a Cellar.

Outwardly used it has the Virtues of the former, and keeps all Wounds from putrefaction: Inwardly it stops Catarrhs, is good against the Gout, Sciatica, Scurvy, cold and moist Diseases, and fits of the Mother. Dose ad gr. x. or more.

49. *Mercurius Antimonij*, The Mercury of Antimony,

Dissolve Sal Armoniack in distilled rain water, on which put powder of crude Antimony; digest ten days, decant, and evaporate, so have you a white sweet powder, which melted

yields an excellent Lead, wh. ch according to Agricola is the Mercury of Antimony. Or thus, according to Basil, Digest *Regulus* levigated in the following Spirit of Salt for three days, then with a gentle heat, abstract the flegm, to the remainder add four times as much filings of Iron, put all into a Retort, and with a strong fire, distil into a Receiver half full or more of water, so shall you see the running of Quick-silver at bottom, Basil also shews another way thus, Steep powder of Antimony in Spirit of Tartar impregnated with Sal Armoniac, then sublime it, and stir it in a frying-Pan, till the Mercury runs.

It is of great power and force, and has all the Virtues of Quick-silver; but its chief use is in making *Tinctura Antimonii cum Auro*. The Spirit of Salt for the former work is thus made. R Volatile Salt of Urine, Common Salt, Sal Armoniac, and Tartar, and mix and put to them the Spirit of Vinegar, digest in a luted Vessel an hour, then in ashes distil to dryness: to these Salts thus dried lbxx. add Tripoli lbxxx. and draw a Spirit by a Retort with a strong fire.

50. *Vitrum Antimonij*, Glafs of Antimony.

Colledge.) Take of the best Antimony as much as you please, beat it into fine powder, put it into a Potters Vessel (not Glafs) over a fire of Charcoal in an open air, continually stirring it with an Iron rod, till it grow into clots; beat it again into powder, and do as before, till it coagulates, which so often repeat, till the Antimony is reduced to white Cinders, and smelt not being cast upon red hot Plates of Iron. Then take of this Calx lbs, of Borax or Chri-

(scolla 3ss. put them into a Crucible, which cover with a Tile, put it into a strong fire, till the matter flows like water, then let it be cast into a brass Vessel, or upon Copper Plates, and keep the Hyacinth coloured glafs for use.

Salmon.) Here is to be noted, 1. That of this Calx before it is made into Glafs, you may make an excellent Diaphoretick, and an Antidote against the Plague, being burnt in a Crucible, till its white colour become yellowish, of which you may give gr. iij. in Canary. 2. That for want of a brass Vessel or Copper Plates, you may pour the melted Calx upon a stone. 3. That if it be black and porous you still melt it, till it be clear. 4. That to hasten the calcination, you may add as much common Salt, which you may afterwards wash away with water, and then with Spirit of Vinegar. 5. That it is best made the ☿ and ♀ being in *Pisces*, or in wat. ry signs. 6. That the glafs is the better being often cohobated with Spirit of Vinegar, Vitriol of Sulphur, for that makes the purple colour vanish, and the Glafs become white, whereby its Emetic property is much corroborated, and so only purges, being then a true Cure for all sorts of Fevers. 7. That the Glafs of the Mineral is made by calcining it with equal parts of Sal Niter, and then melting them. 8. That if you mix the Gläs of Antimony with yellow Sulphur, and melt it again to Gläs, it will be red; so also if mixt with Orpiment, but that is dangerous. Or thus, melt crude Antimony in a Crucible, dip it

it in Iron, and shake off what sticks to it, which do till all the Antimony is drawn out, then melt it again so often till being powdred it is of a Scarlet colour.

9. That if Antimony ʒij . be mixt with Borax ʒvii . melted, you have (as *Basil* saith) first a yellow Glas, then a white, 10. That if to crude Antimony ʒij . you cast in with a Spoon, Salt decrepitated, *Sal Niter* decrepitated, *Caput Mort.* of *Af. ana* ʒij . and after the powders are spent, pour it into a hot Mortar, you shall have the black glas of *Clossius*.

It purges gros and clammy Humours from the Stomach and other parts both upwards and downwards: It cures Green-sickness, resists Poyson and Plague, chiefly if taken with Vinegar, for so it sweats: It is excellently good in Gouts, Dropsies and all malignant Feavers: It vomits strongly, and therefore is only to be given à gr. ij. ad iv. In Infusion à gr. iv. ad viij. *Clossius* his Black glas is good to purge Metals with; and being mixt with a quarter part of Lead, it purges Gold as the *Regulus* doth.

51. *Vitrum Antimonii Diaphoreticum*, Sudorifick glas of Antimony.

Digest the impalpable powder of the glas of ʒ in a large quantity of distilled Vinegar, then melt it often.

Libavius saith, It is an excellent Diaphoretick. Dose à gr. ij. ad ii. ad iii. you may give it in malignant Feavers and the Plague.

52. *Vitrum Reguli Antimonii*, Glas of the *Regulus* of Metal.

Rx. The Powder of the Metal of Antimony, calcine it, stirring it continually lest it melt before the smoke

cease; then melt it, and pour it out, so have you a delicate fine Glas.

This has the Virtues of the former, but may be given to gr. v. or vi. Where Note, that if you add Sea-Salt, the glas will be yellow.

53. *Vitrum Antimonii solare*, glas of Antimony with Gold.

Rx. Hungarian Antimony ʒxvi . fine Gold ʒj . melt them, and pour it out, being cautious it may not turn to a *Regulus*; powder the matter, calcine it till it smoaks no more, then with a strong fire melt it, and pour it out, so have you a red transparent Glas, leaving in the Crucible the Gold half spent. Or thus, of the *Regulus*. Rx. Of the *Regulus* ʒxvi . fine Gold ʒj . melt, and powder them, then calcine without melting, till the fumes cease, then with a strong fire melt, and pour out the Glas.

Of the first of these is made the Tincture of Antimony aforesaid, with which the latter is said to sweat, being given à gr. iij. ad vi. but because the Glas of Antimony by its violent working very much afflicts the Body. It is corrected as followeth.

54. *Vitri Antimonii Correctio*, Glas of Antimony corrected.

Rx. Powder of the glas of Antimony levigated, and either, 1. steep it in Spirit of Vinegar and dry it. Or, 2. Digest it in spirit of Salt, to the decanted extraction add water; so will there remain a powder. Or, 3. Dissolve it in Oyl of Tartar per deliquium; then drop upon the solution Spirit of *Vitriol*, that it may turn to Crystals, which dry.

Of the first of these is made *Crolius* his Antimonial Pills, and the Electuary of Antimony. The Second is a powder both Cathartick

thartick and Emetick, yet works without Violence, being given a gr. ij. ad vj. The third has the same Virtues being given in gr. iij. or iv.

55. *Vitriol Antimonij Catharticum*, Purging glass of Antimony.

R. Of the glass levigated, Oyl of Sulphur per campanum, Spirit of Vitriol, A. 3j. mix them very well, and dry them by a gentle fire, which repeat 7 or 10 times, then imbibe it with S.V. impregnated with Mastick, which exhale, and dry the powder in a glass.

It has all the Virtues of the glass of Antimony, and only purges downwards being given a gr. ij. ad v. Of this Hartman makes Antimonial Pills; and it is better than that at Sect. 54. for that use, as also for Crollius his Electuary.

56. *Catharticum Minerale*, The Mineral Cathartick.

Digest powder of the Glass of Antimony levigated in Spirit of Vitriol or Sulphur not rectified, two inches above it; digest it gently, so will you have a blackish purple Spirit.

It is a most excellent Cathartick and Universal Purge against all Distempers whatsoever in Mans body: It fortifies the Stomach, scours and cleanses the Bowels, cures the Green-sickness, opens all Obstructions, and brings Health in an unknown way. Hartman saith, it purges downwards from gut. vi. ad x.

57. *Antimonium cum Nitro Calcitum*, Antimony Diaphoretick.

Colledge R. Of the best Antimony p. j. pure Nitre p. ij. bruise the Antimony, then add the Nitre to it, then bring them both into pow-

der, which burn in a Crucible, which will be most conveniently done, if you put it into the Crucible red hot, by degrees with a spoon, or some such like Instrument: then take it out and beat it again, and mix it with the same quantity of Nitre as before; put it into the Crucible upon hot Coals, and putting into it live Coals, fire it; stirring it with an Iron Rod, that it may burn every where equally; when there needs, put in more fresh Coals: at length take it out, and beat it into powder, and wash it in distilled water, or other pure water, and keep it for use.

Salmon.) In the old Dispensatory, it was ordered to be three times Calcined with Nitre, here but twice: In that, it was either well done or ill done: If well done, what makes it, that it is now altered? If ill done, why was it so long, yea at all imposed upon the People to their prejudice? Again, since it may be dubious who is in the Error, whether the present Fellows of the Colledge may not be as lyable to, the Censure of Ignorance as their Predecessors, since there are no distinguishing Signs known or apparent, to discover the difference? if they say, Yea, why should they again de novo impose upon us? if they say, Nay, how then shall we be satisfied? But the Reader is desired to take notice, 1. That as this is intended for *Antimonium Diaphoreticum*, so it ought to be thrice calcined, that the Antimony may be thoroughly divested of both its Emetick and Cathartick properties, viz. its Volatile Salt and Sul-

Sul-

Sulphur. 2. That it is better done with the *Regulus*, than with Crude Antimony; and yet better with the *Regulus* of Mars, because that is more purified from its venomous parts. 3. That the Nitre ought to be very fine and pure, because the Common cannot perform the work. 4. That some take four times the quantity of Nitre to that of Antimony. 5. That after the detonation is over, it ought to be kept a while upon the fire till, all the fumes are perfectly vanished, and no longer, lest it recover again its Emetick and Cathartick qualities. 6. That you well edulcorate the matter before every new Calcination, and at last by much washing, because the fixed Salt of the Nitre remaining in it, would cause it to Vomit, which by many lotions is dissolved and extracted. 7. That if you Evaporate the Edulcorating water, it will yield an *Antimonial Lapis prunella*. 8. That *Basil* Circulates this Antimony Diaphoretick with Spirit of Wine, then burns it, then reverberates, and at last dissolves the remaining powder *per deliquium*. This Medicament is a powerful Diaphoretick and Diuretick, a great aperitive and depilative, opening all Obstructions of Liver, Spleen, Mesentery, Reins, Womb, and other parts. It is good against stoppage of the Terms, Green-sickness, Dropsie, Melancholy, Ulcers of the French-Pox, the Scurvy, Scabs, Itch, Measles, Small-Pox, Plague, and all Malignant Feavers: mixt with Venice Turpentine, it is good against all old Gonorrhoeas. The Whites and Distempers of the

Reins: you may give a gr. x. ad 3℥.

58. *Antimonium Diaphoreticum cum Tartaro*, Diaphoretick Antimony with Tartar.

Rx. Of the former Antimony Diaphoretick, Sale of Tartar 4 ℥ij. melt them 4 or 5 hours, then powder, and dissolve per deliquium. After take of that Dissolution 3℥. Spirit of Violel 3℥. put in the spirit guetatum, and a powder will precipitate, which dry, and keep for use. Or thus, Boyl common Antimony Diaphoretick in water 6 or 8 hours, filter and sprinkle upon it spirit of Vinegar, so there will precipitate a white powder, which Basil in his *Triumphans Chariot* calls fixed Flowers, much exceeding the common Diaphoretick; at Sect. 57.

These have all the Vertues of that at Sect. 57. and much more powerful for inward Imposthums, French-Pox, &c. given with Spirit of Guaiacum. Dose a gr. v. ad xv. for five or six days together, or more.

59. *Crocus Metallorum*, Liver of Antimony.

Colledge. Rx Of the best Antimony, Sal Nitre, Ana, beat them into powder severally, mix them together, and put the mixture into a hot Crucible with a spoon or ladle, or other convenient Instrument: let it be stirred till the noise ceaseth, then remove it from the fire, and cool it, break the Vessel, and separate the red matter from the white Crust, and keep it for use.

Salmon.) Where note. 1. That Common Nitre is good enough for this Medicine (for it is none of the best.) 2. That the Crucible be red hot, before you put your

your matter in. 3. Put in the matter by degrees, for so the flagration and detonation is the better performed, and cover the Crucible close every time after you caſt the matter in. 4. That after the Niter is conſumed, you ſtill encrease the fire, till the Antimony is melted. 5. That you ſweeten the Crocus with water. 6. If into that water (after it is decanted) you drop Vinegar, you will precipitate a finer Crocus called *Sulphur Auratum*. 7. Or if you evaporate away the ſaid water a little, you may make Cryſtals, or *Antimonial Lapis prunella*.

It is a violent Medicament being both Cathartick and Emetick: It is good againſt pains of the head from a ſoul Stomach, Epilepsies, Apoplexies, Pleuriſies, Feavers, Melancholy, Plague, Coagulation of the Blood, Gouts, Rheumations, &c. Doſe à gr. iij. ad vj. ſome give viij. you may give it in Clyſters boyled in a mollifying decoction à ʒſs. add ʒj. againſt the Cholick: It ſerves to make the Emetick Wine with, by putting ʒj. of it to infuſe in Beer, Ale, Sider, Rheniſh-Wine, Sack, &c. ℞ij. of which you may take ab ʒj. ad ij. but in Clyſters ab ʒiv. ad vj.

60. *Crocus Reguli Antimonij*, Liver of the Regulus of Antimony.

℞. *Regulus of Antimony*, *Sal Niter*, ana, melt them; then (the Scales being removed from the ſides) edulcorate firſt with water, then dry; then waſh with S. V. which decant. *Horſtius*.

It Purges more than Vomits in gr. x. being mixed with Diagredium or *Mercurius dulcis*.

61. *Crocus Metallorum*, *Rulandi*, *Rulandus* his Liver of Metals.

℞. *Antimony*, *Niter*, *Salt*, ana, powder them apart, mix them, and put them into a Luted Veſſel with a hole left at the top; ſet it in a Wind Furnace; blow with a pair of Bellows till all melt, and it ceaſes ſmoking: Increase the fire for a quarter of an hour; then take it off, and you have *Antimony* at bottom, almoſt like *Cinnabar*, and ſeparated from the Salts, like *Regulus*, which powder, and keep for uſe.

It is doubtful what the Crocus of *Rulandus* was: *Quercetan* thinks it the ſame with the vulgar: *Brendel* takes Glaſs of Antimony for it, but that is a Miſtake: *Harman* thinks it only differs in the preparation, and gives what we have juſt now recited, which *Tenzelius* and *Mylius* alſo approve. It has all the Virtues of that at *Seſt*. 59. aforegoing, but purges moſt downwards, and is indeed a very Excellent Medicine. Doſe à gr. iij. ad vj. or viij. you may give it in Clyſters as the former.

62. *Pulvis Anglicanus*, The Albion Powder.

℞. Of the beſt *Antimony* as much as you pleaſe, calcine it alone: Then take of the aforeſaid Calx. and *Niter A* ℞j. *White Tartar* ℞ſs: mix and calcine till the detonation is over: repeat the laſt work again; and the third time, adding *Niter*, *Tartar* and *Sulphur* of each equal parts: laſtly waſh it with hot water till it is ſweet.

It is accounted an Universal Medicine againſt all Diſeaſes: It opens all manner of Obſtructions, provokes the Terms, Cures the

the Green-sickness, Surfeits, griping of the Guts, the Cholick, Small-Pox, Plague, all sorts of Agues and Feavers whatsoever, Gout, Sciatica, Jaundice, Dropsie, Pleurisie, Fits of the Mother, Distempers of the Spleen, &c. Dose à ʒss. ad ʒj.

63. *Pilula Albæ*. The white Pills. R. Glass of Antimony, or ʒ vi. tæ, gr. iij. white starch boyled to a paste; so much as may make it into two or three Pills.

This is the Mountebanks Catholicon, or Universal Pill used in the Cure of all Diseases: of it self it is strangely Violent, and not safe: yet you may give the former quantity for one Dose, if you give broth after it, very well seasoned with Salt, and that without any danger; for although of it self it is a most strong Emetick, yet the salt broth being given after it, it will not vomit so much as once, but altogether work downwards with a world of gentleness and safety, and may then indeed open all Obstructions in mans Body, and be thereby a means to cure many (almost incurable) Diseases. It is a very Excellent thing against Dropsies, all sorts of Feavers and Agues. Some make them up with Venice Turpentine, and then make them smooth with the Starch in powder.

64. *Sudorificum Minerale*, The Mineral Sudorifick.

R. *Regulus of Antimony*, *Salis Regalis*, *Aʒij*. Mercury Sublimare *ʒj*. Sal Niter *ʒviij*. beat all into fine powder severally: then mix them, and calcine in a close Vessel; after which beat the calcined matter into powder, liovigats it, adul-

corate with hot water, then flagrate upon it S. V. and keep it for use.

It is esteemed as a Specificke against the Gout, Scurvy and Pox, and many other Chronick Diseases: It works upwards and downwards, and may be given à gr. v. ad xij. or more: Outwardly it cures Old Sores, and Rebellious Ulcers to a Wonder.

65. *Regulus Antimonij*, Metal of Antimony.

Colledge.) R. *Crude Antimony*, Niter, Tartar, ana, beat the Antimony alone in an Iron Mortar, with an Iron Pestle, then add the rest in Powder: put this powder by degrees with a ladle into a red hot Crucible; placed among hot Coals: after the deflagration give a melting heat; then gently shake the Crucible, that the *Regulus* may sink to the bottom; which being taken out, and cooled by degrees, let it be freed from the Dross, and keep for use.

Salmon.) Where note. 1. That some prepare it but with half the quantities of Niter and Tartar, for fear the Flagration should be too quick, but that is a nicety, without doubt equal parts are best. 2. Place the Crucible in a Circular Fire of suppression. 3. When all is melted, give a violent fire for about a quarter of an hour, that the Poisonous parts may vanish. 4. That the *Regulus* is had in a larger quantity by adding powder of Charcoal. 5. Of the Dross is made Sulphur Auratum. 6. That the best time to make it, is in the ʒs encrease, the Sun being in ʒ, and in a clear day; for Experience has taught us that the melting is then easiest.

easiest done. 7. That on the top, will be sometimes a star, which is produced by its long fusion; but that weakens its Emetick and Cathartick Virtue. 8. That we use the male Antimony here, because we design a better Medicine than a Crocus. 9. Some make the *Regulus*, of that Calx, of which the *Vitrum* is made. (at Sect. 50.) melting of it an hour, then cooling of it a little, and shaking of it to make the *Regulus* descend. 10. Of it you may make a Diaphoretick. See Sect. 57.

Regulus is both a better Emetick and Cathartick, than the Crocus, and will perform all that the Crocus, can do. You may either, 1. Take the infusion of its powder in Wine. 2. Or, make Cups of it, and infuse Wine therein, a night, and so drink it. 3. Or, make it into Pills in a Bullet mould, which are called Everlasting Pills, of the bigness of grey Pease; one of these will serve for ever, taking of it out of the close stool, and making 'of it clean for another time: A Pill of ʒj. or ʒjss has the same effect as the ordinary dose of *Vinum Benedictum*, (and infinitely safer) and works as well as if you should take three or four of them at a time. The *Regulus* of Antimony is truly a kind of Universal remedy against all Diseases. After ten thousand infusions, the virtue is still the same.

66. *Regulus Martis*, Metal or settling of Iron.

R. Male Antimony lbj. Niter, Tartar, A. lbj. filings of Steel ʒvj. Charcoal ʒij. powder all well severally, and mingle them together, and

then proceed as you did in the *Regulus of Antimony*.

Where note, 1. That this whole quantity will yield but ʒxij. of *Regulus*, of which six proceed from the filings, which serve to fix the Emetick quality of the Antimony; less quantity than we have allotted, would not do so well; and a greater quantity might fix it so as to make it lose its purgative property.

2. That the dross of this, as of the other, serves to make *Sulphur Auratum*, and also a *Vitrum*. 3. Schröder takes to Antimony ʒviii. Filings of Iron ʒix. melts them together, then adds Sal Niter, and when the detonation is over, casts it into an Ingot, or other Vessel where the *Regulus* may settle; then melts it a second time, and casts in more filings. 4. *Regulus* of Iron being often melted, (and a little Niter and Tartar cast in) and separated from its dross, it contracts a Star glorious like the Sun-shine; and sometimes many Stars, as if the Earth was encompassed with water. The *Regulus of Mars* infused, or made into Cups or Pills as aforesaid, works gently by stool, without inclining to Vomit.

The Diaphoretick also made of the *Regulus of Mars* is better than that of the *Regulus of Antimony*, because it never vomits. Authors say, that if lbj. of the *Regulus of Mars* in powder, be tied up loosely in a coarse linnen Cloth, and then infused in a quart at a time of some Sudorifick or Alexipharmick Liqueur, it cures the Pox, without fluxing with Mercurial Medicaments. After the

the same manner you may make a Regulus with gold or silver. The Regulus of Tin is made by melting the simple Regulus of Antimony, and whilst it runs, adding Tin.

67. *Cerussa Antimonij*, Ceruse of Antimony.

Rx. *Regulus Ziij. Sal Nitre Cryſtalliz'd Zix.* melt them together about an hour: then edulcorate, and take away the dross at the bottom; dry it, and the Powder is the Ceruse of Antimony: this Ceruse calcine with Nitre, or reverberate till it is yellow, and becomes sudorific.

It is Diaphoretic, and may be given inwardly in a Morning fasting, for a Month together, for the Cure of old Ulcers, Scabs, Itch, Fistula's, and such like: In some, for the three or four first days, it causeth a Loathing and Spitting; and, at other times, works insensibly: In others, it loosens the Belly: In others, it works by Sweat: In others, by insensible Transpiration, and is only perceiv'd at conclusion when it has been taken long: Dose à gr. x. ad gr. xxx. outwardly it opens, cleanses, dries, binds, and heals. Some think that common Ceruse has all the Virtues and Operations.

68. *Precipitatum Antimonij diaphoreticum*, Diaphoretic Precipitate.

Rx. *Crocus Metallorum Ziij.* put it into a Bolt-head, or Glass Still with a long Neck, to which put by degrees Spirit of Nitre Zxxiij. and stir or shake it so, as the Antimony may not stick to the bottom: Keep it warm, till the Antimony is a white Powder, and the Spirit has done working: then stop the Vessel, and digest in B.M. forty days, after

separate the Spirit of Nitre in Sand; and stir the Powder with a wooden Spatula, or such like Instrument: dry it over the Fire till it fumes no longer; then wash it with Treacle Water, or Spirit of Juniper.

It is a notable Sudorific, good against the Plague, Pox, Malignant Fevers, and all venene Diseases. Dose à gr. iij. ad xij. or xvj.

69. *Precipitatum Antimonij rubrum*, Red Precipitate of Antimony.

Digest Antimony in Powder in A.R. till the Calx be white, then distil or decant the A.R. or add water and precipitate: after edulcorate the matter with warm water, till the water comes off without taste: dry the Powder, and reverberate it into a Potters Furnace in a close Crucible for half a day (or according to Basil, for three days) and it will be red.

It is both Emetic and Cathartic, but works not violently; it dissolves congealed Blood, and cures the French Pox; in some Bodies it is only Sudorific, and may be given in all Cases, to all sorts of Persons, as an Antidote against all Diseases; Women with Child may take it without danger. Dose à gr. ij. ad iv. or vj. But Basil decants the A.R. and distills it to dryness; then with Rain-water, makes a red Extract by digestion; then distills to dryness, and from the remaining red Powder, extracts a red Tincture with Spirit of Vinegar; Casts away the white Fæces, abstracts the Spirit of Vinegar, and then reverberates the re-

remaining powder three days; after which he draws a Tincture again with S. V. (casting away the Fæces;) and lastly, abstracts the S. V. to driness. If it be made this way, it has a wonderful power in curing the French-Pox, and breaking Impostumes.

70. *Regulus Martis Præcipitatus*, Settlings of Mars precipitated.

Rx. *Regulus of Mars*, sublime it with Sal Armoniac; edulcorate the flowers and dissolve in AR (made of Niter and Sal Armoniac) digest, and then precipitate by many cobobations, wash, after reverberate, that the spirit of AR may be perfectly separated, continually stirring it with an Iron spatula till it is yellow.

Quercetanus was the Author hereof. It has all the Virtues of the former as to the Curing of Diseases, but works without Vomiting. Dose à gr. ij. ad vi.

71. *Vitrum Antimonij Præcipitatum*, Glass of Antimony Precipitated.

It is made by dissolving the Glass in AR. AF. Oyl of sulphur or spirit of salt, then abstracting the Menstruum, and precipitating.

It has all the Virtues of the Glass, but infinitely more gentle and pleasant, not being Emetick at all, and only working by Stool: The Virtues of the Glass, see Sect. 50. foregoing. From this precipitate (not being reverberated) Sala saith, you may extract Sulphur and Q of Antimony.

72. *Calcinatio Antimonij Philosophica*, Philosophical, or Magical Calcination of Antimony.

Rx. *Crude Antimony* in powder (or the flowers which are better, and

easier to be done) place it so in an Earthen pan, that the Sun beams concentrated in a burning glass, whether translucent or reflexive, may fix upon; and pierce the Antimony, so in a short time the fumes will ascend and the Antimony be calcined white.

Where note, 1. That the reflexive glasses are made of a mixt Metal; the other are common and easie to be had in London. 2. That the weight of the Antimony is rather increased by Calcination, than diminished.

73. *Crystallus Antimonij*, Crystals of Antimony.

Rx. Powder of *Regulus*, precipitate is alone, always adding the matter sublimed to that in the bottom, till it is turned into a red powder, which place in a Cellar to melt; separate the flegm, and set it to crystallize, which purifie. Or thus, Digest the Mineral of Antimony in powder in rectified spirit of Vitriol, for the space of forty days, so will it be red and stink: put this into a Retort, and force by a naked fire into a large Recipient (as you distill Oyl of Vitriol) and there will come first Oyl of Vitriol, then a red spirit of Antimony: put the Receiver (tied to the still) into a Cellar for twenty days, and red Crystals will shoot, which dry.

Where note, 1. If you rectify the remaining water, you shall have Spirit of Vitriol as before. 2. These Crystals (made either way) mix with thrice as much Tripoli, and distilled by a Retort, yield like Common Salt, first a white Spirit, then a Red, which rectify in B. M. The Crystals open all Viscous and Tartarous Obstructions, are infinitely

finitely good against Hypochondriack Melancholy, the Pleurisie, Green-sickness and Tertian Agues: Dose a gr. iij. ad vj. The Spirit of the Crystals, according to Basil, is wonderful good in all sorts of Fevers, Quartan Agues, the Gout, Obstructions of the Urine, to break the Stone in the Bladder, and to purifie and cleanse filthy, foul, and Malignant Ulcers. Dose a gut. vj. ad vx.

74. *Sal Antimonij*, Salt of Antimony.

Rx. *Antimony*, The *Crocus* or *Vitrum* (from which the Tincture is taken) calcine it in a Pottery furnace till it be Ashes, from which with Spirit of Vinegar extract a salt, which purifie by many solutions and coagulations.

Where note, 1. That if your Antimony, &c. be not well calcined, you will get little or no Salt. 2. You may make (if you please) the calcination with equal parts of Sulphur, calcining till the Sulphur is gone. 3. That the Vinegar of Antimony, cast upon melted Antimony, draws a sweet salt. Authors esteem this Salt full as good as the Salt of Gold: It cleanses the blood, and purges the Body from all Impurities; it is an Antidote against Poyson, Plague, Leprosie, Scurvy, Gout, and other almost incurable diseases: it cures the French Pox, breaks Impostumes, cures old Filthy Ulcers, and all sorts of Malignant Fevers: it roots out Melancholy, and resolves Pleurisies, Convulsions, and Congelations of the blood. It expels wind, and keeps the belly soluble, wonderfully strengthens the Heart

and Stomach, and restores a lost appetite. Dose gr. iij.

75. *Flores Antimonij*, Flowers of Antimony.

Rx. *Crude Antimony* or *Regulus in Powder* lbj. put it into an Earthen Cucurbit unglased, made of Pottern Earth, which place upon the two Iron-bags in a great reverberatory furnace, so that the neck of the Cucurbit be threes or four fingers length above the top of the furnace, which lute round about to the furnace: to this Vesica or Cucurbit fit an Earthen pot turned up-side down, so that the mouth of the Cucurbit may enter a little within the said pot, which lute together; in the bottom of the said pot make an hole as big as an Egg: and then on top of that pot fit another pot in like manner, and luting of them, make a hole in its bottom also: to this pot fit another pot still less in like manner, so a fourth, and fifth pot, each less than the other, decreasing almost like a Pyramid, making also in the last and fifth pot a hole about the bigness of ones little Finger, to give the Vapours a little Air, but not too wide, lest the finest flowers should be lost. Be sure all your pots be well luted. Give at first a violent fire, and continue it to the highest degree for two days and nights; that the Antimony or its Regulus may be kept continually in the fusion (which otherwise would yield no flowers) being melted, it will rise and be sublimed in dry fumes, which will stick to the sides of the said pot, in form of flowers; in the first pot white, in the second yellow, in the last red: all the while you are subliming, keep the little uppermost hole well stopp

with a hares foot, or feather, gather the flowers; putting white to white, yellow to yellow, and red to red.

Here is to be noted: 1. That Regulus is better than Crude Antimony, because it both makes a greater quantity of flowers, at least four times as much; and is also both better, and purer, and freer from Malignity. 2. That the white flowers are free from the Venomous Sulphur of Antimony, being in colour like the Volatile Salt: the yellow contains a little of the said Sulphur, but the red mightily abounds with it. 3. That these flowers, are nothing but the Regulus or purest part of the Antimony, with its Volatile Salt sublimed into dry fumes, and made Volatile by the force of the fire. 4. The white flowers consist of part of the body of Regulus and a large quantity of Volatile Salt: The Yellow, a part of the said body of Regulus, and a little Volatile Salt; and the Red of a part of the body of the Regulus, and a large quantity of Malignant Sulphur.

The white Flowers are strongly Sudorifick, and sometimes provoke Vomiting; they are excellent against Poyson, and all manner of Pestilential Feavers, and others. The yellow are a strong Emetick, good in Gouts, Plurisies, Megrims, and such like. The red uncorrected are not fit to be taken inwardly, for they cause Convulsions: The Doses of the former are à gr. iij. ad vii.

76. *Flores Antimonij Compositi*, Flowers of Antimony Compound.

R. Antimony and Sal Armoniack

ana, mix them well, and Sublime in Sand.

Where note, 1. That the Flowers will be red; but being wash'd in hot Water, white. 2. In like manner are made Flowers of both Glafs and Regulus. 3. That those Flowers which are in the top, being added to the Fæces at bottom, with a little Sal Armoniack, and sublimed again, will then be yellow. 4. That they only Vomit, but gentler than the simple flowers. 5. That you may correct them by circulating of them with honied Spirit of Wine for a Month, for so they loose all violence, and will only purge à gr. v. ad x. They cure all Agues, chiefly the Quartan, as also Madnes and Melancholy: Dose uncorrected à gr. iij. ad vi. But if to gr. ij. of these uncorrected flowers, you put *Mercurius Dulcis*, gr. xij. and grind them well together, they purge Choler and water without Vomiting.

77. *Flores reguli compositi*, Compound flowers of the Regulus.

R. The Star of Regulus, Sal Armoniack thrice sublim'd from Iron, ana: sublime thrice, then edulcorate and dry them, and lastly, wash them the third time from the Colcothar.

These have the Virtues of the former, purge gently, and are a Specifick against all Agues. Dose à gr. ij. ad iij. If you wash not away the Sal Armoniack, these flowers will dissolve *per deliquium*, and according to *Basil* be an excellent thing in wounds. But instead of Sal Armoniack sublimed from Iron, I sublime the Star of Regulus, with *Ens Veneris*; so have you an excellent Medicine against

all obstructions of Liver, Spleen, Reins, and Womb, and a Specific in the Cure of Rickets, Consumptions, Green-sickness, and all sorts of Fevers: The Dose is as afore-said.

78. *Flores Antimonij Vitriolati*, Vitriolated Flowers of Antimony.

Rx. Red flowers of Antimony ℥iv. flowers of Sulphur sublim'd white ℥ij. Colcothar ℥xij. mix and sublime thrice, so have you red flowers.

This is from *Quercetan*: Basil has the same, excepting the Sulphur: It is a violent Vomit taken inwardly; outwardly, it is of good use in Wounds and Ulcers.

79. *Flores Sulphuris Antimonij*, Flowers of the Sulphur of Antimony.

Rx. Antimony in Powder lbj. common Salt (or *Sal Armoniack*, which is better) ℥iiij. sublime; add to the sublimate crude Antimony ℥v. sublime again, then sweeten, and you have flowers, which are a combustible Sulphur.

These are of the nature of the former, a Specific against Quartans and Pleurisies; but this of the flowers of Antimony in general, you must observe, That because they cause violent Vomiting, they cannot be safely used in Physick, without being very well corrected, which you may do, by some of the following Methods.

80. *Florum Antimonij Correctio*, Correction of the flowers of Antimony.

There are various ways of performing this; 1. According to the Method delivered in Sect. 76. foregoing. The honeyed S. V. there

specified is thus made: put S. V. upon Honey, digest 24 hours, then distil; at length encrease the Fire, that the Spirit of Honey may also pass, and be joined to the S. V. 2. Or thus: Put the flowers into a Glass, cover them with a Paper, and digest them in a furnace in a gentle heat for 60 days, stirring them once or twice a day, for fear they should grow black: at last the venomous and stinking Sulphur will be elevated to the Paper, and the flowers remain light, porous and red. 3. Or thus: Beat them with common Salt, then edulcorate them with common Water. 4. Or thus: Rx. Flowers of Antimony ℥j. Salt of Tartar, impregnated with Spirit of Vinegar ℥ss: melt them into a red mass, powder it, and put to it Tincture (of Cloves, Mace, Cinnamon, Galingal, Saffron, A ℥iv.) made with S. V. rectified: digest in Sand a week, then draw off the S. V. to dryness, and the flowers will be pure at bottom; which keep in a Glass close stopp'd, for otherwise they will dissolve.

Flowers of Antimony corrected the first and second way, only purge, and may be given in all Cases, where an Antimonial Remedy is required à gr. v. ad x. The third and fourth way they are not so gentle, not being totally divested of their Emetic property; but they more effectually cure Diseases proceeding from Melancholy, casting forth bad Humors, both by Stool, Urine, and Sweat, Dose à gr. iiij. ad viij. Salt of Tartar is impregnated with Spirit of Vinegar thus: Dissolve fine Salt of Tartar in Spirit of Vinegar, and abstract the humidity with a gentle Fire; put

in fresh Vinegar to dissolve; then abstract again, repeating this work so long, till the spirit of Vinegar be distilled off, not losing its sharpness (which will be done in ten times imbibing, and distilling at most) then dry it for use.

81. *Cinnabaris Antimonij*, Cinnabar of Antimony.

It is made after the distillation of butter of Antimony, by increasing the heat, and making (upon sand) fire of suppression for certain hours, for so the Cinnabar of Antimony sticks to the neck of the Retort (as we have more fully taught in Chap. 7. Sect. 8.) which you may gather, and purify with two sublimations.

Of this Cinnabar is made the Antepileptick powder, Diaphoretick (in Lib. 4.) which is of great power against Convulsions, Apoplexies, and the Pulling-sickness: Where note, That if you desire Cinnabar rather than Butter, make at first a very strong fire.

82. *Flores Antimonij Diaphoretici Salæ*, The sweating flowers of Sala.

Sprinkle the flowers of Antimony with Oyl of Sulphur, and Calcine them in a close Crucible.

It is a Specifick against all Agues, and Pestilential Distempers. Dose ad gr. x.

82. *Luceia Lutea Paracelsi*, The Wall-flowers of Paracelsus.

This Medicament is only the flowers of Antimony fixed, which Paracelsus performs by subliming them so often, till they will sublime no more, always mixing the Flowers at bottom, with those sublimed in every sublimation. Clothe is bath another way. Make a ball of Earth with a hole in it almost through;

put into it unslake Lime, till it is almost half full; then put in Flowers of Antimony tyed up in a Rag, after which lay fresh unslake Lime round about till the Ball be full, stop the hole with Clay, and reverberate the Ball in a Brick-kiln, or Potter's Furnace for two days.

These fixed Flowers are an excellent gentle Purge, and sweat powerfully, being of great force against all Epidemical Distempers. Dose à gr. vi. ad x. These Flowers in a Cellar will melt into an Oyl, which you may wash several times in some distilled Water.

84. *Acetum Antimonij*, Vinegar of Antimony.

Re. Levigated Oar of Antimony, digest in Rain-water (some inches above it) in a Horse Dung-hill, till it begins to froth or ferment: draw off the Water, increasing the Fire towards the end; then mix the Sublimate with its Caput Mort. and cobobate with the abstracted Water, repeating this work, till a Liquor comes as sharp as Vinegar.

This may be done without adding Water, by distilling the Levigated Oar per se in a Retort, and putting the distilled Liquor upon fresh Oar, digesting of it three days, then distilling, and so repeating till you have a sufficient quantity; but this way is tedious, and affords but a little Vinegar. You may also increase the Virtues of your Vinegar, if you pour it upon fresh levigated Oar, three or four Inches above it, and circulate twenty days till it has a red colour, then decanting, and drawing off the Vinegar in B. M. which will then be clear

and leave a red Sulphur or Tincture at bottom. This is an excellent thing in malignant Feavers; it cools the heat of blood, and all inflammations, mixed with *Lapis Prunelle*, and given in some proper Vehicle. Outwardly (mixt with *Saccharum Saturni*) it cures burnings by Gun-powder. With this you may draw the Tincture of Antimony.

85. *Acetum Antimonij Radicatum*, Vinegar of Antimony Radicated or Alcalified.

Rx, Vinegar of Antimony lbj. or ℥xij. Salt of Antimony ℥ij. dissolve and distil by Sand or Askes.

This may be called the Alcalified Spirit of Vinegar of Ψ ; and is a most excellent thing to draw the Tincture of Antimony, and make the fixed flowers of Diaphoretick. But your better way will be to take the Salt, and dissolve it in the Vinegar, and mixt it with Potters earth, or Tobacco-pipe Clay, making all into Balls, and then distilling by a Retort in Sand, as you do the Spirit of Salt.

86. *Oleum Antimonij per se*, Oyl of Antimony made alone.

Mix crude Antimony in powder with Sand, and force it through a Retort. Or thus, Rx. The powder of Antimony, put it to putrefie, then draw from it water; cohobate, and repeat the putrefaction and distillation so long, till you have an oyl Liqueur.

This Liqueur is rather a Vinegar than an Oyl: *Poterius* saith, It is an excellent dissolver; it is a good Diuretick and Deobstruor.

87. *Oleum Antimonij Saccharatum Basilii*, Basil's sugared Oyl of Antimony.

Digest Levigated Glass of Antimony in sower juce of Grapes for ten days, draw off the Juice to driness, add as much Sugar-Candy, and a little Vinegar, then distil in a Retort, gradatim, and with a strong fire you will have a red Oyl, which exalts with S. V.

It is good against Epilepsies, Convulsions, and Apoplexies, Dose \mathfrak{a} gut. iij. ad vj. or more.

88. *Oleum Antimonij Saccharatum Sennerti*, sugared Oyl of Sennertus.

Rx. Antimonij lbj. Sulphur ℥ij. melt them in a Circular fire for four or five hours; increase the fire, that the Sulphur may flame and be spent; powder the Antimony, then add spirit of Vinegar, and digest ten days, and distil till red drops ascend, then change the Receiver. Take the Antimony left in the bottom lbj. Sugar-Candy ℥vj. S. V. ℥ix. distil by a Retort (into the Receiver in which the first Oyl is) with a strong fire, till there appear no more Vapours: abstract in B. M. with S. V. till only a quarter part remains.

If you digest this Oyl with new S. V. rectified, then strain it from the fæces, and after separate the S. V. from the Oyl by distillation, it will be yet better corrected: and if lastly it be digested with *Aqua Vita* and Cinnamon-water in which Musk and Ambergrease is dissolved, and often cohobated, it will purge gently without Vomiting, or making sick. It is an excellent Medicine in Dropsies, Gouts, and Feavers; being given \mathfrak{a} gr. iij. ad vj.

89. *Oleum Antimonij Saccharatum Fausti*, Sugared Oyl of Faustus.

Rx. Crocus Metallorum levigated, Sugar-Candy. A ℥iij. rectified spirit of Vitriol ℥ij. Wine ℥ss. digest ten days, then distil in a Retort gradually, and separate the flegm in B. M.

This has the Virtues of the former, and is given *à gr. vj. ad x.* after this way you may draw the Golden Sulphur of Antimony, Where note, that the thick Liquor which comes forth, must be often extracted with S. V. and then (being separated to the consistency of Honey) the Oyl be forced from it in a Retort.

90. Oleum Antimonij Saccharatum Beguini, Sugared Oyl of Beguinus.

Rx. Antimony, Sugar-Candy, A. ℥vj. burnt Allum ℥ss. distil by a Retort in Sand to an Oyl.

Where note, 1. That your Antimony must be levigated. 2. That some leave out the burnt Allum: others take but the third part of Sugar-Candy. It is an excellent Medicine against the Falling-sickness, Convulsions Apoplexies, Palsies, Gout, Dropsie, and Feavers; of this Oyl is made the Feaver Pills against Quartan Agues. You may give of it *à gut. iij. ad vj.*

91. Oleum Antimonij Saccharatum Quercetani, Sugared Oyl of Quercetan.

Rx. Sugar-Candy made into a Syrup with S. V. lbj. Crude Antimony circulated to whiteness lbss, mix and digest ten days in Balneo Vaporis, then distil increasing the fire gradually, so have you. 1. The lesser Circulate. 2. A white Liquor. 3. A yellow. 4. A very red Liquor like Blood, which is a sweet Balsam: you may either gather them all asunder, or separate them; wash and cohobate

the red with Cordial waters, three or four times: This is called, The Antidotus Panartous of Quercetan.

The white Liquor cures Itch, Scabs, breakings out and Cancerous Ulcers: The yellow vomits and purges, given against Feavers, Gouts, Leprosie, &c. The red cures the Leprosie, Morphew, Apoplexy, Epilepsie, and Plague to admiration, being given in a proper Vehicle *à gut. iij. ad vi.* In the same manner you may make an Oyl with *Crocus Metallorum* and Sugar digested in S. V.

92. Oleum Antimonij Philosophicum Sale, Philosophick oyl of Antimony.

Rx. Crude Antimony levigated lbj. Honey lbij. boyl and stir them with a Spatula till the humidity is evaporated, and a black brittle matter like Pitch remains: distil this by a Retort with a gradual fire into a large Receiver for 24 hours, so have you a sharp Corrosive Liquor impregnated with the Virtues of Antimony, and some of the flowers, which you are to separate.

This is a very piercing Liquor, it cleanses powerfully and is eminently good against Ulcers, old Sores, Fistula's, Gangrenes, and to consume Excreescences, you may use it alone, or with honey of Roses, or in Oyntments, Powders, Waters, &c. It may also be used instead of of the Philosophical Vinegar, in the preparation of Quercetan's Tincture, *See 27.*

93. Antidotus Antimonij Quercetani, the Antidote of Antimony.

Rx. Starry Result of Iron (purified with Niter) lbj. Mercury precipitate lbss. mix and distil by a Retort; rectifie it by one or two dis-

stillations;

stillations; then add Spirit of Metheglin, and cobobate often, to make the Oil sweet; then abstract with S. V. to the consistence of an Oil.

It is an excellent Remedy against the greatest Diseases: it cures Agues of all sorts, Quotidian and Tertian, but chiefly Quartans; it sometimes gently vomits, and sometimes it gently purges without vomiting. Where note, The Spirit of Metheglin separated, and impregnated with Spirit of Vitriol to be sharp, is a great Diaphoretic above all others. Dose of the Oil to gut. xij. of the Spirit, from half to one whole Spoonful alone, or in some convenient Vehicle.

94. *Oleum Antimonij ex floribus*, Oil of the flowers of Antimony.

R. White flowers of Antimony, mix them with A. F. (of Vitriol calcin'd yellow, Sale A. ℥iij. Potters Clay ℥vj.) distil in B. M. the flegm comes first, then the flowers mixt with the Spirit; put to it fresh A. F. and distil again; do this, till the flowers come with no more Spirit; then distil by a Retort, so have you first a water by itself; then change the Recipient for a white Oil, heavy, like butter of Antimony, there remaining only an unprofitable Terra Damnata.

It is almost the same with the Butter of Antimony, (which we have taught to make in Chap. 7. Sect. 8. foregoing;) and is of excellent use to dissolve Gold. It is the ground of the purging and vomiting Precipitates, at Sect. 104, 105.

95. *Oleum Antimonij Compositum Basilij*, Compound Oil of Antimony of Basil.

R. Quick-lime ℥viii. Antimony,

Sulphur A. ℥iiij. Sal Armoniac, or Sale of Urine ℥ij. distil with a strong fire, cobobating thrice, mixing in every sublimation the sublimate with the Caput Mortuum. Or thus, after Tenczelius: R. Antimony, imbibe it with Spirit of Sale, then distil.

Basil commends it as an incomparable thing to cleanse all inveterate wounds.

96. *Balsamum Vulnerarium Basilij*, the Antimonial wound Balsam.

R. Antimony ℥ij. Salt, or Sal Gem ℥ls. Potters earth ℥vi. mix and distil in a Retort with a strong fire; at last will come an Oil, which evaporate to a dry red powder, then dissolve it per deliquium. Or thus: R. Antimony ℥ij. salt ℥ij. Bole Armoniac ℥ij. Or thus, R. Antimony, Sal Gem, or Sal Nitre, Ana. Or thus, according to Kessler. R. Antimony, Sal Gem, or common Salt, A ℥ij. burnt Alom ℥ls. Perform the distillation by degrees, and draw the Oil or Balsam in three days.

This Basil commends as a wonderful great Secret, for all old Sores, filthy Ulcers, Fistula's, and other inveterate griefs of that kind. Where note, That with water, you may precipitate a Powder, which, washed, may be given à gr. iij. ad vi.

97. *Balsamum Vulnerarium Sennertii*, Sennertus's wound Balsam.

R. Antimony ℥ij. Sal Regale ℥iv. Sal Nitre ℥ij. melt them in a Crucible, and pour them on a marble Stone. Take this Mass, mix it with Quick-lime ℥ls. to which put Spirit of Turpentine 4 Inches above; digest in a close Vessel ten days, or till the Spirit is red: then put to it flint

stains in powder, till it is thick, and distill in a Retort: when yellow drops appear, change the Recipient, and increase the fire, so have you a red Oyl.

It has the Virtues of the former: See the Balsam of the Regulus which is better.

98. *Aqua Ansepileptica Croci Metallorum*, Water of Crocus Metallorum, against the falling sickness.

Rx. Of *Magnesia* or *Crocus Metallorum*, mix it with powder of *Crusts* of Bread, and with a strong fire, draw forth the water in a Cornut.

This *Quercetan* commends above all Vegetable Medicaments for the Epilepsie; and some others commend it as the greatest Secret in Nature against Worms; of which in *Horsius* his *Pharm. lib. 6.* you may read a Memorable Story. *Schroder* saith (in *Pharm. lib. 3. Cap. 17.*) that he spent three days and nights in vain in making of it: first he had a flegm, then cloudy Spirits, lastly, a red Oyl, and all in small quantity.

99. *Spiritus Scibij*, Spirit of Antimony. *Clyffus*.

Rx. *Antimony*, *Sulphur*, *Niter*, *A libj.* drive them through a Tubulated Retort, into a large Receiver (well luted to the beak) in which let be some water: cast in the matter into the Retort by degrees, stopping the pipe every time; the matter cast in will immediately be calcined: and the Recipient filled with cloudy Vapours, which will quickly be mixt with the water, and the Recipient be clear: which appearing, cast in again; repeating this work so long as you have matter left: the water impregnated with

these Spirits, you may filterate and keep for use.

Where Note. 1. That *Glauber* makes it with *Antimony libj.* *Niter libj.* *Sulphur 3ii.* 2. That Ingenious Man, and my very good Friend, *H. Mason*, makes it only with *Sulphur*, and calls it *Ens Primum*. 3. That it is not good to filter it, lest you lose the Spirits, because they are so exceeding Volatile, that you cannot endure your Nose near them. 4. That your Recipient ought to be a Glass Matras or Gourd of a very great Magnitude. 5. That the Niter is here used to open the Body of the Antimony; the Brimstone to fix its Emetick quality: again, closing of the Tube, the Brimstone would more easily be stifled; but the Niter being fired by it, ceases not to burn, till all is consumed. 6. That the Fumes are red, but that redness proceeds from the Sulphur of the Antimony. 7. That this Spirit is acid, from the acidity of the simple Spirits of the matter composing it. It loosens the Bowels, and sometimes gently purges, without so much as inclining to Vomit. It attenuates Slime and Tartarous Humors in any part of the Body, provokes Urine strongly, and opens all Obstructions whatsoever in all the principal parts, as Liver, Spleen, Gall, Mesentery, Womb, Hypochondries, Bowels; and sends out the offending matter by Stool, Urine, Sweat, Spitting, and the Expectorates: It gives immediate ease in the Cholick, provokes the Terms, and cures the Green-G. K. nels:

ness; but these things it does more powerfully if acuated with Crystals of Iron; you may mix it with Spring-water, or any convenient vehicle, so much as to make it sharp, and so drink it at pleasure.

100. *Aqua Sibirii Composita*, Compound Water of Antimony.

Rx. Antimony, Tartar, Salt, Sulphur, ana; perform the work as in the former.

It has the Virtues of the former, in opening all manner of Obstructions, but works most by Sweat and Urine. In making of both this and the former Water you may gather Flowers, which you may free from the Antimonial Sulphur by sublimation: and of the Caput Mortuum, you may either make *Antimonium Diaphoreticum* by calcining of it with equal parts of Niter: Or draw *Sulphur Auratum*, by boiling it in a strong Lixivium.

101. *Spiritus Antimonij Compositus*, Spirit of Antimony Compound.

Rx. Of Clossæus his Sulphur of Antimony ℥x. Colcothar of Vitriol ℥xx. mix, and put to them Vinegar two or three times, and distil by Cohobation: the last time put the Powders into an earthen Pot (for Glass will break) with a large Recipient: force it with a close reverberating Fire for three whole days, as in drawing of Oyl of Vitriol: separate the Spirit from the Oyl, which rectifie.

Clossæus saith, The intentions of both, are chiefly to fix Mercury and Cinnabar. Mixt with a sufficient quantity of fair Water, they are excellent to cure green

Wounds with, at once dressing.

102. *Spiritus Reguli Antimonij*, Spirit of the Regulus of Antimony.

Rx. *Regulus* (fixed by many Sublimations in a Philosophick Egg or Still, daily casting the sublimate to the bottom) dissolve it in a Cellar, filter the Oyl and coagulate; dissolve it again, and mix with it three times as much Bole or Tripoli, and distil by a Retort; so will you have, first a white, then a red Spirit, which rectifie apart.

It is an Excellent thing in all Intermitting Feavers, chiefly the Quartan, cleanses the Blood by Sweat, breaks the Stone in the Kidneys and Bladder, dissolves the matter of the Gout, and eases all manner of Pains, only by outward application. The Dose inwardly is a gr. iii. ad v. or vi. in any proper Vehicle.

103. *Magisterium Antimonij*, Magistery of Antimony.

Rx. Antimony, Salt, Bole, A. lbi. Burnt Allom lbi. beat them severally, then mix and distil; so have you first a Flegm, then a white Spirit, then a red: what sticks to the neck of the Retort like Ice, dissolve by applying a hot Iron, and rectifie by a Retort: In this Oyl dissolve filings of Gold, or leaf Gold, then with S. V. circulate six Weeks, and decant from the faeces. Put to this decanted Spirit, distilled Water, and the Magistery of Antimony will precipitate white.

This is from Kessler, and is nothing but *Mercurius Vitæ* from Butter of Antimony made per se: Hartman prepares it of the white flowers and oyl of Salt: Glauber of Salt and Vitriol. It is a gentle

tle Vomit, and may be given in gr. iij. against Gout, Quartans, and all other sorts of Feavers. If you digest with Spirit of Salt, it will prove an Excellent Sudorifick.

104. *Præcipitatum Antimonij Emeticum*, Vomiting precipitate of Antimony.

Rx. Oyl of the Flowers of Antimony (at Sect. 94.) drop into it distilled water, and the precipitate will fall, which free from sharpness by washing in hot distilled water.

It has the Virtues of the former, and the same Dose; or you may give à gr. j. ad iv.

105. *Præcipitatum Antimonij Catharticum*, purging precipitate of Antimony.

It is made of the aforesaid Oyl, by digesting of it two or three days with Oyl of Tartar per deliquium; and then edulcorating with distilled water.

It has the Virtues of the Corrected Flowers, at Sect. 80. and only purges in gr. iv.

106. *Hedychrum Antimonij*, The Perfume of Antimony.

It is made as the Hedychrum Sulphuris in Cap. 12. Sect. 13. following.

It is Alexipharmick, Sudorifick, and an Antidote against Plague, Pox, and Poyson. Dose à gr. iij. ad vi. Being also an Excellent Perfume.

C A P. IX.

Cinnabaris, Cinnabari, Κιννάβαρις Cinnabar, Sinople, Vermilion.

IT is either Artificial or Natural: the Artificial we have discoursed of already in Cap. 7. and Cap. 8. Sect. 81. The Natural now takes place to be handled: It is a Mineral Earth like a Stone, red in colour, consisting of inflammable Sulphur, Quick-silver, and a Petrose Body. It is found in the Palatinate in Germany, but the best comes from Hungary, which is heavy with Mercury and Sulphur, and of a God-like Nature.

1. *Crudo or Mineral Cinnabar.*

Beat it into fine powder, Levigate it upon a Marble; then wash it with Cordial waters and keep it for use.

It is of great force against the Falling-sickness, Apoplexy, Palsies, and such like, being mixt with other proper Medicines. Dose à gr. iij. ad vi.

2. *Species Antiepilepticæ*, The powder against the Falling-sickness.

R. Of Levigated Cinnabar, Mattery of Mans skull, Amber, Coral, Powders of Castor, Mistle of the Oak, Livers of Frogs, Camphir, of the Narcotick of Vitriol, A. ʒi. make all apart into impalpable powders, then mix them.

It is a most admirable thing against the Falling-sickness, in which I have given it several times with great success: It is safe, you may give it to Children; It kills Worms almost to a Miracle, and is Excellent against Palsies, Convulsions, Apoplexies, Vertigoes, Megrim, and other Diseases of the head. Dose à gr. x. ad ʒss. or ʒij. in the Morning fasting twice or thrice a week.

3. The Mercury of native Cinnabar.

Fill a Crucible full of Cinnabar, over which lay a Plate of Iron with a hole in it, turn it down over another Crucible which is empty, and lute them together; then by the force of a Circular fire, the Quick-silver will fall from the upper Crucible to the lower, as is usual in distilling by descent. Or thus: Dissolve the Cinnabar in Spirit of Salt, mix with as much Sal Gem; cohobate with a very strong fire, till it is very red, distil the solution (separated from its combustible Sulphur which swims on top, and the faces beneath in the Glass still in Sand) and the Menstruum will come forth, the Principles of the Cinnabar remaining; now encrease the fire, so will a white Mercury ascend to the sides of the still (the Sulphur and Salt remaining in the bottom) which gather and purifie it well.

This Mercury has all the Virtues of the Native, and as many

several ways of preparation, which you may see in Cap. 7. It is purified by boyling of it in Spirit of Vinegar, and abstracting the Vinegar; then in Rain-water or May-Dew three or four times till the Mercury be white and pure, after which digest it a month in S. V. rectified till it is red.

4. Sal & Sulphur Cinnabaris.

Salt and Sulphur of Cinnabar.

R. The foregoing faces, Elixirivate them with boyling Rain-water, which depurate and digest with S. V. abstract the S. V. till a thin skin is at top, then let it coagulate, what remains is the Sulphur, which wash often in hot water, after digest it in S. V. then abstract it.

The Salt cures old and Chronick Diseases, is excellent against the Gout, Kings-Evil, Dropsies, Jaundice, Falling-sickness, Megrim, and other Diseases of the Head. Dose gr. iv.

5. Precipitatum Cinnabaris Diaphoreticum Schroderi, The Diaphoretick Precipitate of Schroder.

R. Of the ☿ digested in S. V. at Sect. 3. distil it in a Retort in Sand, into a large Receiver, increasing the fire by degrees; the S. V. being drawn off, increase the fire, and the Spirit of Mercury will ascend, and be like Crystals sublimed, which in 24 hours will be dissolved into the S. V. abstract the S. V. in B. M. and the spirit of the Mercury will be at the bottom of an Ash colour, **R.** Cinnabar ʒvj. dissolve it in Spirit of Salt, acuated with Sal Gem (as at Sect. 3.) distil the decanted solution (casting away the faces) so an Oyl; put on fresh spirit and distil again, which repeat six times; after digest in R.

M.

M. twenty days, and abstract in Sand with a gentle fire, till a white spirit comes forth, then change the Recipient, and take them both with the water, giving fire till the Vessel is red hot: in ℥v . of this water dissolve of the Salt (at Sect. 4.) ℥ij : circulate it a while in B. M. then impregnate it with the said Sulphur ℥ss . pouring on the said water by degrees, till the salt is joyned with the Sulphur, and becomes one clammy Liquor; to this Liquor ℥ss . put of the aforesaid Mercury ℥ij . digest all in an Arbanor, in a vial luted, increasing the fire gradatim for four Months, viz. till it all turn to a red powder, which correct

with S. V. and keep it for your use.

This is a Panacea against all Diseases, and may be given in all Cases, and to all Constitutions: It expels the Morbifick matter by Vomit, Stool, or Sweat, according as Nature is disposed to the action; and having taken away what offends, it ceases to work, as having no Enemy to contend withal. It is an Internal Balsam of Life, cures Consumptions, Asthma's, Pleurifies, Gout, Schrophula's, Feavers, Agues, Scurvy, Dropsie, Plagues, and all malign dangerous, doubtful, and inveterate Diseases, even to a wonder. Dose à gy. j. ad ij.

CAP. X.

Of Recrements of Metals.

THe Recrements of Metals are either Natural or Artificial. The Natural are such as are generated in the Earth, of which five are principal, viz.

1. Cobaltum Cadmia nativa, fossilis, Καδμεία, Cobalt.
2. Sory, Σόρυ, Sory.
3. Chalcien, Χαλκίς, Chalcite.
4. Misy, Μίσι, Misy.
5. Marcasita, Bismuthum, Marcasite or Tin-glafs.

The Artificial are such as are separated from the Metals in melting and purging, and these are also five, viz.

1. Cadmia, Climia, Καδμεία, Cadmy.
2. Diphryges, Δίφρυγες, Diphryge.
3. Molybdana, Plumbago, Μολύβδανα, Plumbage.
4. Lithargyrum, Λιθάργυρος, Litharge.
5. Tutia, Spodium, Pompholyx, Nil, nihil album, Bulla, Πομφόλυξ, Tutty.

I. Of Cobalt.

1. The Virtues of crude Cobalt.

It is a Metallick body, called native

five Cadmia, digged up out of the Earth; being a Mineral, and black, partaking of Brass and Silver.

It is accounted a Poyson, for being taken inwardly, it kills all creatures: It is so Venomous, that Flies are killed by the taste of it; It is Corrosive and Caustick, inso-much that it ulcerates the Hands and Feet of the Miners.

II. Of Sory.

2. Of Crude Sory.

It is a stony, thick, compact Mineral, and being rubbed, sparkles like Misy: Mathiolus and Dioscorides, was the first among late Physicians who sciewed what it was: It is found in the Dukedom of Brumswick.

It is of a burning quality, and only used to make Eschars.

III. Of Calcit.

3. Of Crude Calcit.

It is a Mineral like Brass, brittle, but not stony, made of Sory, but thinner, yet thicker than Misy.

It is of the nature of Sory, but of thinner and more subtiler parts.

IV. Of Misy.

4. Of Crude Misy.

It is a Mineral almost like Gold, which, being broken, glisters; It is bred upon, and of Chalctis, as Verdigrise on Brass, being only the effluence of Chalctis.

It is of the nature of the former, but more subtil and corrosive than Sory or Chalctis: the Egyptian is the best: calcin'd and wash'd, 'tis good against malignant Ulcers.

V. Of Marcasite.

5 Of crude Marcasite or Bismuth.

It is a Perittoma of Metals, called the Marcasite of Silver, being of a white, hard, and brittle body, separated from Metals newly fixed and

perfect, whereas Cadmia is an Excrement cast from them in their first generation.

It is seldom used inwardly, but sometimes externally; being well prepared, it makes an excellent Cosmectic for the Face. It is almost of the nature of Litharge.

6. Magisterium Marcasite, Magistery of Bismuth, or Tin Glass.

Rx. Bismuth ℥jv. beat it into a small powder, put it into a large glass Bell, (within a Chimney, that the infectious Fumes may not poyson the Room and the Spectators) put on it Spirit of Nitre, two spoonfuls at a time, so is there presently an effervescence, and stinking Fumes, which when past, put on more Spirit of Nitre, stirring of it together, which continue, till you have used Spirit of Nitre ℥viii. the Ebullition and Fumes being over, decant the Dissolution while it is warm, (from the Bismuth at bottom undissolved) into a Glass or white ware Vessel, where it will congeal into thousands of little white transparent Crystals. Then to the undissolved Bismuth, put new Spirit of Nitre, till all that is pure of it is dissolved, excepting a few black feces: Decant, and Crystallize, as before. Take all the Crystals, and in a Glass-bell, melt them with a gentle heat, and precipitate with cold Sea, or Salt water, so will the Magistery precipitate into a white Mass, which, by little and little, will fall into Powder, which sweeten well, by many lotions, till the water comes away insipid; after which, wash it three or four times, that the least Acimony may not remain; at last wash it, stir it, and put it into a filtering paper, upon which let it dry in the shade, co-

covered over with another paper, that the dust may not fall on it, then in a glass Viol keep it close stopp'd for use.

Where note, 1. That the Spirit of Nitre is put in by degrees, lest it should boil over. 2. That if the least Acrimony should remain, it would wrinkle the skin, which it is designed to smooth. 3. That it be only dried in the Shade, not by the Fire, nor the Sun, for then it would be of a brown blackish colour. 4. That the dissolution be in a broad mouthed Glass or Bell. 5. That if the Powder should be put into red earthen Ware, it would be black, because it would dissolve the Lead of the Vessel. 6. That *Aqua Fortis* is not used, (although it would dissolve it) because the Vitriol would black the Calx. 7. That the Crytals are white, because that the Bismuth is white as Silver. 8. That they melt by a gentle Fire, for that they were congealed by cold. 9. That this Magistery is only the Calx of Bismuth calcined Philosophically by the Spirit of Nitre, precipitated by Sea-water, and sweetned by manifold washings.

It is a very excellent Cosmetic to make the Face and Hands fair and white (yet not so good as that of Luna at Cap. 2. Sect. 19.) either by rubbing of them with the Powder alone, or applying of it in Pomatum (3j. to 3ij. of the Ointment) which you may prepare with Oil of Almonds, or Acorns, or Beans, or Poppy Seeds, or Ben 3iij. mixt with white Virgin Wax 3l. It is an excellent desiccative for Ulcers,

and cures Scabs, roughness, and other Vices of the Skin.

7. *Magisterium Marcasite Beguini*, the Magistery of Beguinus.

Dissolve the powder of *Marcasite* in AF (made of Nitre and Salt ana) precipitate it in S.V. then sweeten and dry it.

It has the Virtues of the former.

8. *Extractum Marcasite Aureæ Clossæi*, the Extract of the golden *Marcasite* of Clossæus.

R. The *Marcasite* of Gold (called *Leucophaea*) powder and calcine it, till it will smoke no more, stirring it all the while with an Iron: then distil it by *Incendiculum*, and draw thence a Tincture by Sand Alcaiz'd. Lastly, evaporate the Menstruum, till a matter remains like honey.

It opens Obstructions, and is excellent in Agues of all sorts: it purges in gr. vj. which you may make into Pills, with crums of bread.

9. *Extractum Marcasite nobile Clossæi*, the noble Extract of Clossæus.

R. Of the *Marcasite* prepared as before 3vj. Cream of Tartar 3lxxij. boil them in an Iron Kettle, with much Water, till it is well tinged; then filter and evaporate, to the thickness of honey, and with S. V. circulate it 40 days.

Clossæus saith, That it purges water strongly, and cures Dropsies to a Miracle.

Where note, 1. That *Marcasite* infused in Rhenish Wine (3j. to 3v.) purges strongly in Dropsies like Antimony. 2. That an Extract from the flowers, or glass

of it (as from the flowers and Glafs of Antimony) will do much better.

10. *Aqua Marcasita* Ortholij, Marcasite water.

Rx. *Of the Mineral of Magnesia*, viz. *Crude Bismuth* (not yet toucht with the fire,) distil by a Retort, so have you a white water, which rectifies thrice.

It is reported that this water will draw out the Soul of Gold, and leave the Body white; that it will revive any herb, if the root be stopt therein: and that if it be acuated with its own Salt (made of the Caput Mort.) it will dissolve Gold Miraculously: I can say little to this, till experience has denied or confirmed it to me.

11. *Oleum, Sal & flores Marcasita*, Oyl, Salt, and flowers of Marcasite.

Rx. *Crude Marcasite*, viz. as it comes out of the Mines lbx. powder it, and digest it in Sack, three or four days; then decant and put on fresh Sack, digesting again: do thus till you have cast on gal. xv. then mix the decanted Liquors, and put them upon the feces, and in an Alembick, distil to dryness: afterwards, stop the beak of the Alembick, and with a strong fire, the flowers will sublime, and be like silver: these dissolved per deliquium turn to Oyl. Of the distilled Liquors, you may have a spirit by distilling it again, till about lbvj. or viij. if it remains; this boyled to half, you may set to Crystallize, which you may help by putting into it long little sticks.

Paracelsus commends both the Oyl and Salt exceedingly in Cancerous Ulcers, Fistulaes, and other Malignant Diseases: They

are excellent against the Itch, exulcerated Struma's, and other corroding, inveterate and filthy Sores.

VI. Of Cadmy.

12. Of Unprepared Cadmy.

It is a thick Body, made of the fuliginous fumes of brass, when it is wrought in the furnace, sticking to the sides thereof, and it is four-fold, viz. 1. *Capnites* (from smoke) being found in the mouth of the furnace, burnt very thin like ashes, but this differs little from *Pompholyx*. 2. *Ostracites* (from being like a shell) found in the lowest part of the furnace. 3. *Botrites* (from likeness of a Grape) found in the middle of the furnace, it is the best, being thick, heavy, smooth, and a racemous out-side like a Grape, which being broken is full of Ashes. 4. *Placites* (like Crusts) found in the highest part of the furnace. You may also make Cadmy of the Pyrites or Fire stone, being burnt in a furnace.

Cadmy gently dries and cleanses; it cures moist and putrefying Ulcers, producing the Cicatrize; It also heals Ulcers in the Eyes, binds, and causes Crusts: of the several kinds, *Botrites* and *Placites* are best used, where note, they that make Cadmy and Tutty all one, are deceived; but Tutty may be made of Cadmy by Calcination.

VII. Of Diphyrges.

13. Of Unprepared Diphyrges.

It is a Metallick excrement settling to the bottom, when cold water is cast on melted brass in the furnace.

It has the Virtues of Cadmy

A a and

and may be used mixt with Turpentine, or in a Cerot against stubborn Ulcers and old Sores.

VIII. Of Molybdema.

14. Of Unprepared Plumbage.

It is either natural or artificial: The Natural is Lead Ore, of which we have nothing to say here: The Artificial is a kind of Litharge, which sticks to the bottom of the furnace, in the purification of Silver or Gold with Lead.

It generates flesh and cicatrizes Ulcers, but is not of the nature of Glewing Medicines: It is prepared altogether as Litharge, and has the same Virtues, only it is a little colder.

IX. Of Litharge.

15. Of Unprepared Litharge.

It is an Excrement arising from the refining of Silver or Gold with Lead, it is twofold, either white or yellow, (called Litharge of Silver and Gold) but they only differ in being: for the yellow is that which is most soyled or burnt, and is indeed only Lead half calcined.

It dries, cools, binds, repels, generates flesh, fills up hollow Ulcers, cleanses, cicatrizes raw places. Inwardly it helps Diarrhæa's, Dysenteria's, and other Diseases of the Bowels; it cures and consolidates the Intestines being hurt, or exulcerated, it cools the Blood and abates the heat of Urine: Dose ʒss in Venice-Treacle or Mithridate. It may be prepared in all respects a Lead, but the chief preparations now in use are the following.

16. Sal Lithargyri, seu Alumen Saturni, Salt of Litharge of Paris.

It is done with distilled Vinegar,

as Salt of Lead, decanting the Solution, filtering and inspissating.

It cures Diarrhæa's, Dysenteria's, Lienterias, Ulcers in the Guts &c. cools the Blood and heat of Urine; and has all the Virtues of Saccharum Saturni: Dose ʒss in Mithridate or any Sudorifick Elettuary.

17. Magisterium Lithargyri, Magistery of Litharge.

Precipitate the former Solution in distilled Vinegar with Oyl of Tartar.

It has the Virtues of the Salt, but is more stomachical.

18. Oleum Lithargyri. Oyl of Litharge.

R. Salt of Litharge, common Salt decocted, ana, distil them by a Retort, so shall you have a Red Oyl.

It has the Virtues of the Salt, is a great desiccative, and cures sore eyes: the black faeces left in the Retort are good to cure wounds.

19. Tinctura Lithargyri, Tincture of Litharge.

R. Salt of Litharge ʒiij, Spirit of Turpentine ʒviij: digest in hot ashes, till they are red.

It is an excellent thing to cure Wounds, Ulcers, Fistula's, Cancers, Morpew, Scabs, Tumors, Sores, &c. And to keep them from Accidents, especially if you dissolve in the aforesaid quantity Camphir ʒi.

20. Balsamum Lithargyri, Balsam of Litharge.

Dissolve Salt of Litharge in strong Vinegar; then mix it with Oyl Olive in a Mortar, if you can a Lead-ten one: Thus may you make Balsam of Saccharum Saturni.

It cools Inflammations, cures Burns, Scalds, hot Gouts, and such like.

21. *Liquor Lithargyri*, Liquor of Litharge.

It is made by dissolving the Salt per deliquium.

It has all the Virtues of the Salt. which see at Sect. 16.

X. Of Tutty.

22. Of Unprepared Tutty.

Tutty, Pompholix, or Spodium, is a thin Volatile Ash, which sticks to the upper part of the Furnace when brass is melted, looking almost like stocks of Wool, and falling down when touched. It is also made of Cadmia, by a calcining of it with a violent fire to Ashes. But that is properly Spodium which is heavy, and falls down to the bottom, called Nil, Nihili Gryseum, or Greek Spodium.

Being washed, it dries without

sharpness, and is the best of all drying Medicines, exceeding good in all malignant and cancerous Ulcers, and other old and running Sores which abound with moisture: It makes a good Collyrium, stops fluxes in the Eyes, and heals Pustles and Ulcers therein. Where Note, 1. That because we seldom have the right Pompholix, or Spodium, we substitute Cadmia instead thereof. 2. That the Shops generally sell burnt Ivory for it, being much of the same Virtue.

23. The washing of Tutty.

Put it into a fine Linnen rag, and stir it in clean water, so that the finest part (which is best) mix with the water; continue the stirring till all that is good is waste out: then let it settle, decant the water, and dry the powder.

CAP. XI.

Of S A L T S.

SALts are of several kinds; as Mineral, Vegetable, and Animal, and that either natural or fictitious: We shall here only speak of Natural Mineral Salts, the Artificial may be understood by the same rule: of which the chief are,

1. *Sal communis* *AAS, מלח מליח, Common Salt.

2. *Sal Gemma*, *Sal fossile*, *Indum Gemmeum*, Salt Gem.

3. *Alumen*, *Rupeum*, *Glaciale*. *Συνθινα*, Allum.

4. *Sal Armoniacum*, *Sal solare*, *Mercuriale*, *Philosophicum*, *Armoniack Salt*.

5. *Nitrum*, *Sal Nitrum*, *Anatron*, *Sulphureum*, *infernale* *Nitrop*, Salt Niter.

6. *Vitriolum; Calcanthum; Al-calcadū, Χαλκανθον, Vitriol.*

To which may be added

7. *Tartarus, Tartarum, Argal, Tartar or Lees of Wine.*

I. Of common SALT.

1. *Common Salt Unprepared.*

It is the Coagulum of sea-water or of salt fountain-water; but that of the sea is the chief: It is purified by solution, filtration, and coagulation, or Crystallization.

It heats, dries, dissolves, cleanses, digests, attenuates, opens, cuts, purges, is alexipharmick and binding; good against Crudities, Obstructions and weakness of the Stomach, loss of Appetite, Colick and stoppage of Urine: outwardly it is good against creeping and putrid Ulcers, Scabs, Itch, Pestilential Tumors, Bruises, Tooth-ach, Colick, Head-ach, Gout, Pin and Web in the Eyes. Where note, 1. That the Artificial Salt of Vegetables and Animals are subject to the same preparations which common Salt is subject to. 2. That if the Solution and Crystallization be often repeated, this common Salt will at last be sweet.

To Calcine Salt.

It is done 1. By Decripitation, where it is calcin'd by the fire till it cracks no more. 2. By fusion where it is only melted in a Crucible, by a sufficient fire. 3. By Cementation, where it is mixt with an equal quantity of Quick-lime, calcin'd with a strong fire till they are corrected, after which you may elixivate and coagulate.

Salt is first decripitated, left being put into any hot Vessel, it should break it: And Basil calcines common Salt thrice with

Lime, mixing with it every time as much fresh Quick-Lime, in making of the Tincture of Silver.

3. *Extractum Salis, Extract of common Salt.*

Dissolve and Crystallize Salt till it be without feces and sweet, of which take ℔ij. burnt Alom ℔j. mix and distil by Degrees, till all the Spirits are drawn off, and rectifie it four times, from the Caput Mort. with distilled water draw a Sale, which calcine and purifie with Solutions and coagulations in a Vial to redness (which may be done in an hour or two) to which add the former spirit, digest; so have you a red Tincture, which may be drawn through a Retort.

It is an Excellent Sudorifick, is an Antidote against Plague, Poyson, Feavers simple, putrid, and pestilential; Dropries, Obstructions of the Stomach, Bowels, Reins, Liver and Spleen: It cleanses the Blood, and resists all sorts of putrefaction, breaks, dissolves, and expels the Stone in both Reins and Bladder, and is an Excellent Remedy against both Rheumatisms and Gouts: It cuts tough Flegm and Tartarous matter, lodging in the Ventricle, and restores a lost appetite. Dose à ʒj. ad ʒj.

4. *Olum Salis Commune, Common Oyl of Salt.*

Colledge.) R. Of French or Spanish Bay Salt as much as you will, dissolve it in water, and filter it: mix with this brine (in a Copper Vessel) fine powder of Tiles or Bricks, double or trebble the weight of the Salt before dissolution, set it upon live Coals, and let the water

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evaporate away (continually stirring of it,) till it be very dry; then put the powder into a glass Retort, well luted, placed in a furnace with a large receiver, giving a naked fire by degrees to the height, so shall you have in the receiver, Oyl or sharp spirit of Salt; rectifie this liquor in a small Retort in Sand by separating the Flegm, according to Art; then keep it in a Vessel close stopped for use.

Salmon.) There are variety of ways of preparing of this Oyl or Spirit, according to opinions of various men. 1. Some instead of powder of tiles or bricks use Potters earth powder, or Bole-Armoniack. 2. Some use Terra Sigillata, which produces a much better Spirit; and some use Sand. 3. The matter is made into paste, lest it should melt; for if it melt no spirit will ascend. 4. That the first distillation yields but a little Spirit, and therefore some boyl the *Caput Mortuum* in water, and distil as before. 5. That some take burnt Allum *p. ij.* Salt *p. iij.* and then distil them, but this way you get only a spirit of Allum not of Salt. 6. Some take common Salt and distil it alone in a Retort, so have you first a four water, secondly a flegm; then the *Caput Mortuum* being taken out, and sprinkled with water, and distilled again, you have thirdly an acid Spirit, which you may repeat till all the Salt is turned to Spirit and then you may rectifie in B. M. 7. Some to Salt *p. ij.* take of Clay, Bricks, Sand or Earth but *p. iij.* the which they make into Balls, and then dry, which are distilled as before in a Retort. 8. Others to

Salt *p. j.* mix Clay, Sand, Earth, &c. *p. v.* and (without making of it into Balls) fill a glass Retort with it, luted up to half the neck, then set it in a close Reverberatory, fitting to it a large glass Receiver, then giving fire by degrees, coming as soon as may be to the last degree, which is to be continued 24 h. or till the recipient feels cold, the Retort being violent hot. By this Rule you may extract out of *libj.* of Salt near *℥x.* of Oyl or Spirit. 9. That the mixture of Sand, Earth, &c. is to hinder its melting. 10. That you use rather a glass Retort than an Earthen, lest the acid Spirits should pierce it. 11. That the Salt ought not to be decapitated or separated from its Flegm, nor the matter made red hot in the fire: For the Flegm coming first, helps the acid Oyl or Spirit, and is as a vehicle to it: for (should the fire be never so violent) without Flegm you would attain no acid Spirits, as you may perceive at the 6 Note aforegoing. 12. That you fill your Retort full, lest by reason of the vacuity, the vapours should condense themselves in the same Vessel, which falling back would be so fixed, that no power of fire would be able to raise them again. 13. That the Spirit is made strong and pure by deflegmating of it in a Sand heat. 14. That thus, you may draw Spirits of Artificial Salts of Vegetables (the Virtues of which are the same with the Plants from which they are extracted) the which will be acid as Spirit of Salt, and of like o.

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peration. *Do. Med. Lib. 2. Cap. 2. Sect. 13.*

Oyl or Spirit of Salt is an Antidote against the Plague and resists all manner of Corruption, both inwardly taken and outwardly applied. It is a specifick against malign Feavers, whether continual or intermitting; mixt with a little water it whitens the Teeth wonderfully. It is a powerful Diuretick; and the most formidable Enemy that is to the Scurvy. It opens all Obstructions of the Stomach, Liver, Spleen, Bowels, Reins and Bladder, thereby dissolving the Stone and Gravel, and expelling of it, and curing such Diseases as proceed from thence, as Dropfies, Scurvys, Surfeits, Jaundice, Gouts, &c. It is accounted a specifick to break and dissolve the Stone in the Reins and Bladder: for put a Stone (taken out of a man by cutting, or otherwise voided) to a small quantity of Spirit of Salt, and it will immediately dissolve before your Eyes, although it was never so hard; for this Oyl or Spirit will dissolve Gold, and make it potable, as also Pearls, Coralls and other Gems, &c. being fortified with *Ens Veneris* it is a perfect Cure for the Rickets. It quenches thirst wonderfully, and consumes by Corrosion without Pain all Corruptions in Ulcers, or other old Sores, Fistula's, &c. mixed with Spirit of Wine (in a due proportion, that it be not too sharp) it cures Wounds in any part at once dressing; mixt with Oyl of Turpentine, Wax or Cammomil, it allays pains of the

Gout, dissolves Nodes, and cures contracted and withered Members. It has all the Virtues of the Oyls of Sulphur and Vitriol, and may be used as they, and in their stead. Dose a gut. vj. and xv. or xx. Beware you be not cheated, there are many Counterfeits of it abroad in the Nation: the marks by which you may know the true are these. 1. It is transparent, and almost of a citrine Colour. 2. being new, it is vaporos and seizes the Nose, but without stink, but being old is without smell. 3. that it is of an acid tast. 4. that it neither corrodes nor tinges the Cork stopple of any Colour.

4. *Oleum Salis Nitrarum*, Oyl of Spirit of Salt Nitrated.

R. Salts decripiated, Niter, ana, mix them with shrics as much dry Clay, and as before with a naked fire draw a spirit. R. Of this spirit lbj. common Salt melted 3viij. digest till the Salt is dissolved, then distil by a retort, which repeat as often as you please with fresh Salt: rectifie it from the Flegm in a Retort also, so have you a powerful Spirit.

Utrex commends it as a most rare thing in Dropfies, taken inwardly and outwardly to Cure fistulated Wounds. It Cures Cachexys and provokes the Terms.

6. *Oleum Salis Rebrum*, Red Oyl of Salt.

R. Melted Salt impregnated with Vinegar mix it with powder of flints and distil by a Retort in Sand, so have you first a yellow Spirit, then a red Oyl.

The Salt is impregnated, thus, to the Salt melted add distilled Vinegar, and abstract by Sand, then add fresh Vinegar, and ab-

tract

tract again, repeating this work till the Salt is well putrefied and becomes black.

7. *Oleum Salis Viride*, Green Oyl of Salt of *Sagmartus*.

Quench red hot pieces of Brick-Bars in Salt either melted in a Furnace, or dissolved in a Cellar, of which distil a Spirit by a Retort as before.

Both this and the former have the same Virtues and Dose with Common Oyl of Salt.

8. *Antidotum Salis*, Sweet Oyl of Salt.

R. Of Common Oyl of Salt (as, Sect. 4) well destemated, spirit of Wine, ana, mix and distil three or four times, so will they inseparably be united and be sweet. Or thus, Digest spirit of Salt with S.V. ana, circulate and cohobate till they are sweet. Or thus, Dissolve melted Salt in distilled rain-water, filter, inspissate, and set it to Crystallize; dissolve the Crystals again, and filter and Crystallize again, repeat this work ten times, viz. till they are sweet, then imbibe them with S.V. and with Clay make Balls, which distil as before. Or thus, In the first distillation of the Salt mix with it S.V. Lees of Wine, or Oyl of Tartar, and then distil, so will it be sweet.

It is a rare Preservative against the Plague, resists all putrefaction and fortifies the Stomach; It quenches thirst, is excellent against Dropsies, Jaundice, Gout, Worms; It dissolves Pearl and Coral, and draws out the true Tincture of Gold, and indeed extracts all other Tinctures; it consumes all fleshy Ruptures: if you anoint there with thrice a day, and take it Morning and Evening a gut. vj. ad xij. It may be mixt with Sugar

Candy, and so taken like an Eleetuary. By Unction it helps the Gout, if discreetly used, and cures Wounds in any part at once dressing, and performs all what ever we have said of the Common Oyl of Salt at Sect. 14. Where note, 1. That Oyl of Salt made sweet by three Months digestion *per se*, will dissolve Gold. 2. That the same mixed with the burning Spirit of Lead, makes another sweet menstruum to perform the same.

Spiritus Salis Philosophicum, Philosophick Spirit of Salt.

R. Common Oyl of Salt, quench it in Brick-Bars, then distil, so will you have in the Receiver an acid Spirit.

It has all the Virtues of Oyl of Salt, besides which, it will in your hand dissolve Gold, Pearl and Stones: it drives out all Gravel, breaks the Stone in the Reins and Bladder, and in the Palm of your hand will intirely dissolve it. Dose a gut. vj. ad xij. or more in any convenient vehicle as water of *Perficaria*. Where note, that you may dissolve Gold in a Water made of Spirit of May-dew, and calcined Salt digested till it is sweet, which makes it both potable and volatile.

10. *Spiritus Salis Diureticus*, Diuretick Spirit of Salt of *Horsius*.

R. Decapitated Salt, *Vitriol*, ana, mix them with Boe or Potters earth into Balls, and distil as before, which free from the flegm by rectifying.

Clossius orders it to be given in Parsly both ad gut. vj. in the morning fasting. *Sebroder* saith, that the *Vitriol* is hot enough to keep the Salt from fluxing.

11. *Spiritus Salis Corallaceus.*

Rx. Sal lbij . powder of Coral le-
vigated lbj . mix and grind them
together upon a Marble, then with
Bole or Potters Earth make a mass,
and distil with a strong fire into a
large receiver, so have you the spirit
of Salt with spirit of Coral.

It is excellent against the Stone
in both Reins and Bladder, cures
and prevents the falling sickness
in both Children and elder Per-
sons, resists and expels Melan-
choly, and is good in Diseases of
the Heart, as Trembling, Palpita-
tion, &c. Dose gut. vi. or viii.

12. *Spiritus Salis Clostici*, Spirit
of Salt of Closticus.

Rx. Hallensian Salt ziv . imbibe
in it Oyl of Common Salt, to the
Consistence of a soft Cataplasim or
paste: macerate them in a close Ves-
sel till they are united, and dried,
add more, and imbibe and dry, till
the salt refuses to incorporate with
any more spirit, and you perceive
by the Gold Colour and sweet scent,
that the time of distillation is at
hand; which you may do in a glass
Retort well luted, so will you have
very white fumes, which being con-
densed, are to be rectified, which
is the Essential spirit of Salt.

Where note, that Hallensian salt
comes from Salt Fountain Water
in Germany; you may do the feat
with salt of any other Fountain,
or with rock or stone salt, or with
Common Salt. This spirit is said
to draw out the Tincture of Gold,
without lacerating the Body of it.
It is a perfect remedy against Vo-
miting in all Diseases. Dose gut.
iij. iv. or more, in Broth, Wine,
or Syrup.

13. *Oleum Salis cum Mel-*

le, Oyl of Salt with Honey.

Rx. Purified Bay salt lbvj . add
Honey and Vinegar A. q. s. digest
and distil by degrees carefully out of
a Retort well luted to a large Reci-
pient, so have you flegmatick, sul-
phurous, and saline spirits sweet and
sour; increase the fire till the Vessel
is of a cloudy red heat, (but not clear
lest the salt melt:) let it stand so
eight days, so have you first cloudy
spirits, then in the neck of the Reci-
pient a sublimed earth white or yel-
low (called the Mercury or sulphur
of the Philosophers) joyn the spirit
and flowers, and by Balneo Vaporis
abstract only an insipid flegm, then
set it to Crystallize; do this till no
more Crystals will shoot, and that
which drops out is acid; then cease,
and at the bottom of the Still, you
have a vitriolated Oyl of salt.

These Crystals are sweet, but
of great Virtue; they open all
Obstructions, provoke the Terms,
cure the Green-sickness, help
pains and heaviness of the Spleen,
and dissolve Gold, alone or being
long digested with S.V. or joyned
with their Oyl, because it ex-
alts and quickens its Properties
and Virtues.

14. *Crystalli salis dulces*, sweet
Crystals of Salt.

Put into a large strong tubulated
Retort, Common, Spanish, or Bay
salt lbij . or iv. to which adjoyn a
large Receiver, with water in it;
make a gradual fire till the Salt
melt, then by the Pipe put in two or
three drops of cold water, and stop
it straight way, so will plenty of spi-
rits be sent into the receiver: this do
so often till the salt turns to spirit,
then separate the flegm, and evapo-
rate the moisture so that it may cry-
stallize,

stallize, which Crystals will be sweet as Sugar, and dissolve per deliquium.

Where note, 1. That *Kestor* orders a Retort with two Pipes, the one to drop in the cold water, the other to blow at with Bellows.

2. *Hartman* and *Agricola* say, That if to dryed Salt lbj . you put powder of Coals lbij . you will have of Spirit or Crystals lbss . They are an excellent Antidote and Sudorific, expelling the malignity of the Plague, and all pestilential Fevers, Measles, Small-Pox, &c. It satiates, and quenches thirst in Dropfies, and yet in those people restores the natural and radical moisture which is spent; it strengthens the Stomach, and fortifies the whole Body against the power of Diseases, curing the Scurvy, and all effects proceeding therefrom. These Crystals are Spirit of Salt coagulated, and may be exalted, to strengthen and restore in Consumptions, if impregnated with Gold, which is done by reverberating of these Crystals zvi . with Leaf-Gold, or Filings of Gold zj . in a Crucible covered.

15. Flores Salis, Flowers of Salt.

In distilling the Spirit or Oil, the flowers ascend by the violence of fire (as it is in distilling of amber) sticking to the sides and neck of the Vessel; if you distil Allum with the Salt, and expose the Caput Mortuum a while to the Air, or sprinkle it with water, and then distil again, and so repeat it often, it will afford more Oil and flowers. You may also make flowers, if in rectifying of this Spirit and Oil, you sublime the remainder with a stronger fire.

They attenuate, incide, and

loosen gross flegm, open obstructions, and preserve from putrefaction: They quench thirst, and are an Antidote against the Plague. Dose à ℥ss . ad ℥j .

II. Of SALGEM, or SALINDI.

16. Of unprepared Sal Gem.

It is a kind of Common Salt digged out of Stone Quarries, bright like Crystal, and therefore called by the name of a Gem.

It has the Virtues of common Salt, but is much better to dissolve Metals. It is excellent against the Colick; and *Foresius* says, by Experience, it is known to loosen the Belly.

Sal Indi, without doubt, differs from *Sal Gem*. The Ancients speak something of it, but leave us in the dark as to what it is; but *Schroder* thinks it to be a fossil Salt, and that *Sal Gem* may be used instead thereof. As to the preparations of *Sal Gem*, they are the same both in number and manner with common Salt: but the following (according to *Schroder*) are most usual.

17. Spiritus Salis Gemmæ, Spirit of Salt Gem.

It is made as Spirit of common Salt, and has the same virtues.

18. Liquor seu Balsamus salis Gemmæ, Balsam of salt Gem.

R. *Sal Gem*, melt it with fire, and dissolve it often in distilled water, filtering and coagulating; reiterate these operations of Liquefaction, Solution, Filtration, and Coagulation, till the Gem is very fine, and being put to a Candle will melt.

It is a great Secret in Ruptures, or broken Bellies, being taken inwardly with Extract of Comfrey à

gut.

gum. iij. ad. vi. and anointing with it outwardly.

III. Of ALLUM:

18. Of crude, or unprepared Allum.

Allum is five-fold, viz. 1. Rock, or Roch. 2. Plumous. 3. Scissile. 4. Sugary. 5. Alumen catinum. The Roch-Allum is a mineral saltness of the Earth, of a Saturnian nature, consisting of an acid spirit and a corrosive earthy salt; it is found either in veins of the earth, or boyled out of mineral waters, or extracted out of Rocks or mineral stones. The Plumous-Allum is the stone Amiantus, which scath its place in cap. 14. The Scissile is that Allum which is flakey and long. The Sugary is artificial, made of Roch-Allum, whites of Eggs, and Rose-water. Alumen Catinum, is not properly Allum, but a Salt extracted from the ashes of Kali, or certain Wood-ashes well reverberated, and faces of Wood.

Crude-Allum is of a drying, binding nature; it is good in Dysenteria's, after universal Remedies; and several Empirical Physicians give it inwardly against Feavers. It is good outwardly in Lotions for the Quinsy, Swellings of the Throat, and Tonsils, filthiness of the Teeth and Gums, and sceleratous Tumors of the Knees and Feet.

19. Crystallus Aluminis, Crystals of Allum.

Boil Crude-Allum (viz. Roch-Allum, for that is intended in this and the following Work) in a large earthen Vessel, that the flegm may evaporate, calcine it red hot, and cast it into Spirit of Vinegar, which will extract the Essence (leaving at bottom a white Earth, which may be washed and kept) filter the

Vinegar thus impregnated; and in B. M. abstract to the consistence of Honey, which set in the cold, so crystallize.

They are Diaphoretic, and cure all sorts of Agues, chiefly Tertians; given often before the Fit, they are also prevalent against the Scurvy, taken three or four times a Week, and sweating thereupon. Dose a gr. viij. ad x. You may make the ordinary Crystals, by dissolving in hot Rain-water, and evaporating, till a Cream appear at the top; then setting it to Crystallize, which done two or three times, will make them the milder. Libavius dissolves in Urine, and proceeds the same way, but then the Allum cannot be pure, but will be mixt with Salt of Urine.

20. Calcinatio Aluminis, Burnt Allum.

Lay it by the fire upon an earthen or iron Plate, that it may boil, till its flegm and spirit are evaporated, and only a porous sift body remain: this every woman knows.

This serves to take away dead flesh, and to eat off proud flesh and putrefaction in Wounds; Ulcers, and other old Sores.

21. Spiritus Aluminis, Spirit of Allum.

Dissil Roch-Allum in a Retort in ash, first with a gentle fire, so have you flegm; then with a stronger, so have you spirit.

It has the Virtues of Spirit of Vitriol or Sulphur, and the same Dose.

22. Spiritus Aluminis edulcoratus. Sweet Spirit of Allum.

It is made sweet, by often rectifying of it with Spirit of Wine.

It is a good Diuretic, dissolves and expels the Stone in both Reins and Bladder. It opens Obstructions of the Spleen; is excellent against Melancholy and the Scurvy, and cools the heat of Feavers. It cures sore Mouths and Throats, and helps all sorts of Inflammations, &c. Dose gut. iij. or vj. in fragrant Wine. The flegm is good to cleanse Wounds, and heal them.

23. *Spiritus Aluminis astringens*, Binding Spirit of Allum.

Dissolve fine Rock-Allum in a glass Vessel in pure water, filter and distil in ashes to dryness, with a low Still; dissolve the remainder again, and distil again; which repeat, till all the Allum be come over.

This is a wonderful astringent Liquor, beyond Bole, Essence of Iron, *Crocus Martis astringens*, or other things of like nature, and therefore of singular good uses in all Fluxes. Dose à gut. iij. ad vj. or x.

24. *Alumen Saccharinum* Sugared Allum, or Allum made sweet.

Be. Rock-Allum, and distil it in a Glass retort, till all the flegm be come off; cohobate upon the Caput Mortuum, and digest 24 hours, then distil again, and distil this Work six or seven times; at last keep the flegm, and dissolve the Caput Mortuum per deliquium; which digest two or three weeks, then evaporate the humidity in sand to dryness, so will the Allum be sweet.

It is strengthening, resists all manner of Poyson, and most Diseases of the Breast and Lungs, chiefly such as come from mineral Vapors in the Mines. It is Anodyne, eases the Toothach, and

all manner of pains, chiefly of the side, as Pleurifies, &c. Dose à gr. v. ad x.

IV. Of SAL ARMONIAC.

25. *Of unprepared Sal Armoniac.*

The Sal Armoniac of the Ancients was a native Salt, which grew in the Lybic Sea, unknown to us: Ours is a compound artificial volatile Salt, boiled from the ashes of Minerals, Vegetables, and Animals, Salt of Soot, common Salt, and Sal Gem. The best come from Venice and Antwerp, being very white and pure.

It is a Sudorific, being given inwardly, excellent in the cure of Feavers, chiefly in the Quartan. It opens Obstructions, provokes Urine and the Terms, resists putrefaction, and rectifies the distemper of the Stomach; you may give gr. x. in any convenient Vehicle: Outwardly it is used in Gangrenes, to consume rotten flesh. It cures the Quinsie in a Gargarism, and is excellent against Scabs, Pimples, Itch, and other breakings out.

26. *Aqua Ophtalmica Salis Armoniaci*, Eye-water of Salt Armoniac.

Dissolve a little Sal Armoniac in a Lixivium of Quick-Lime, in a brass or copper Basin, letting it stand for a night, or till it has a sapharine colour.

It is of great use among Barbers, to cure most Distempers of the Eyes, as the Pin, and Web, Pearl, Film, and dimness of Sight. It cures Ulcers of the Eyes, Cancers, and Burns, a few drops being dropt therein; all which it performs according as there is more of the Salt, or stands longer in the Brass:

you

you may mix it with Rose-water.

27. *Crystallus salis Armoniaci*, Crystals of salt Armoniac.

They are made by purifying and dissolving in water, and then evaporating a little, setting it to crystallize.

These Crystals being only the Salt purified, have the Virtues only of the unprepared Salt.

28. *Flores salis Armoniaci*, Flowers of salt Armoniac.

Rx. *Sal Armoniac* in powder, filings of steel, mix and sublime in Sand, so will the Salt ascend very pure and impregnated with the virtues of the steel: Take of the said sublimed salt, and common salt melted, ana, mix and sublime again, which repeat seven times, always casting away the Caput Mort. and adding an equal quantity of common Salt melted.

Where Note, 1. That some sublime without Steel, only with common Salt, but this with Steel is infinitely better. 2. That the filings of Iron are corroded with the Salt, which causes but few flowers to ascend; but subliming with a Bar or Gad of Iron, all the Salt will ascend of a yellowish red, almost in imitation of *Eus Veneris*. These flowers are not only more plentiful, but much more powerful than the Crystals, they are strangely successful in Quartans, and in all other Fevers, putrid, or not; they perfectly remove crudities of the Stomach, and open all obstructions, thereby provoking Urine, and the Terms; this more especially, if given à gr. iiii. ad x. in wormwood wine, and sweating upon it.

29. *Liquor seu Oleum salis Armoniaci*, Oil of Sal Armoniac.

Dissolve the salt per deliquium in the whites of Eggs boiled hard.

It has all the Virtues of the Crystal at Sect. 27.

30. *Spiritus salis Armoniaci*, Spirit of Sal Armoniac.

Rx. *Sal Arm.* p. j. Ashes p. iiii. distil by an Alembic in sand, so have you a spirit, which rectifie in a long Still. Or thus: Quench red hot Brick-bars in the solution of *Sal Arm.* in fair water, till such time as all the water is drunk up, then distil in a Retort. Or thus: Mix the Salt with Clay, and make it into Balls, then distil it in a Retort as common Salt. Or thus: Digest flowers of *Sal Arm.* with a little S. V. rectified in a close Vessel in B. M. till they are dissolved: decant the solution, which distil in a long Glass in B. M. to one half, put on the distilled water again, and increasing the fire, force over the spirit, which rectifie.

It attenuates, incises, is diaphoretic, diuretic, and resolute; it opens all manner of Obstructions, cures Pleurifies to a wonder, beyond Blood-letting, and sooner. It is a certain Remedy against Quartans, and powerfully breaks and expels the Stone. It takes away flegm, and other Obstructions of the Breast and Stomach, even when life has been totally despaired of, raising the Sick beyond all expectation; in this case you may mix it à gut. iiii. ad xij. or more. In a small Lixivium of *Sal Regale* impregnated with juyce of Liquorice, and so also you will find it exceeding good against Coughs, Colds, Wheefings, Asthma's, and all other Diseases of the Breast, Lungs, Reins and Bladder. Outwardly,

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ly, mixt with equal quantities of S.V. and laid in a Pledget to the Gout, often renewing of it, it gives ease to a Miracle, and so much the more, especially if a little Camphir be dissolved therein; for which you have the Authorities of *Sennertus*, *Hartman*, and *Tenzelius*: See Synop. Med. lib. 3. cap: 70.

31. *Spiritus salis Armoniaci Clossæi*, Spirit of Salt Armoniac of Clossæus.

Impregnate water with Sale Armoniac, as much as it will hold, in which inhibe leaves of brown Paper made into balls; put them into a still and wish sand, or a Reverberatory, draw an acid spirit of a Golden colour, which rectifie till it is white or clear.

Where note, 1. That you distil with a gradual fire, lest you burn the Paper, for then the Spirit would be black and stink. 2. That you add not spirit of Mercury, as *Quercetan* doth in his *Panacea* of ☿; for so your spirit will be a poisonous Soot of Mercury, which would stop the Throat with Convulsions and kill. 3. That you use a Glas Retort well luted. This is a wonderful piercing Spirit, but it becomes so from the Volatile Salt of Urine; it is Sudorifick, excellent against the Plague, all malign Feavers, Pleurifies, pains and stiches in the side, and cures the Colick. Dose à gut. vi. ad viij. or x. in Canary: It is excellent also against fits of the Mother.

32. *Spiritus salis Armoniaci Collegii*, The Colledges spirit of Sal Armoniac.

Colledge.) R. *Sal Armoniac*, *Tartar calcin'd with Niter*, A. lb. v. beat them severally, then mix, put

them into a large Cucurbit, pouring thereon spring water lbvj. or viij. then distil in a Sand Furnace, and with a gentle heat, the pure spirit will ascend. This spirit is rectified in a high Cucurbit, and the pure volatile salt is sublimed in the Alembick.

Salmon.) Where note, 1. That *Schroder* uses Quick-Lime instead of calcin'd Tartar, but the former is better. 2. That the Receptient ought to be luted to the Still, by reason of the Volatility of the Spirit. 3. That with one rectification it will be pure and fly. It is almost a *Panacea* for most Diseases, chiefly of the head, as Epilepsia's, Apoplexies, Megrims, Convulsions, Deafness; in the Pleurisie it is a specifick; in Diseases of the Womb, as retention of the Terms, difficulty of Conception, fits of the Mother; it has also all the Virtues of the former; besides which it cures the Rickets, and is an excellent thing against most Diseases of the Breast and Lungs, Dose ad gut. xij.

In Sal Armoniac there is a double Spirit, viz. 1. The Spirit of Urine: 2. The Spirit of common Salt. The first of them is drawn as aforesaid, by Sect. 30. 31. and 32. The other as that of Salt, at Sect. 4. of this Chapter.

33. *To fix Sal Armoniac*, Mix it with an equal quantity of Quick-Lime, and perform the operation either in a wind Furnace, or in a strong fire with Bellows, then wash it with water.

It has the Virtues of the Crystals, and may serve to make Li-
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quor of, by Sect. 29. The Salt of Quick-lime is a pure, volatile Salt, from hence is learned, 1. That the joining of two volatile things together, makes one fixed; this is also proved by Vinegar and Quick-lime, the Salts of both which are so volatile, that it is impossible to save either alone by any simple operation; yet by mixing good Vinegar with a strong *Lixivium* of Quick-lime, you have the two volatile Salts (in large quantity) conjoined in fixed Salt. 2. That with the Salt Armoniac, you also have a Salt of Quick-lime fixed. 3. From the same reason it appears, That if you join together two (the most fixed) things, you make a third neutral, and most volatile, &c. But of these things we may in another place (God assisting) have a more fit opportunity to discourse.

V. Of SAL NITRE.

34. Of unprepared, or simple Sal Nitre.

It is a sulphurous, fat (but bitter) Salt, extracted from a fat Earth.

It is called by the Chymists *Cerberus*, Salt of *Hermes*, *Baurach*, *Algali*, Salt of *Sulphur*, *Anderone*, *Anatron*, *Cabalatar*, *Infernal Salt*: *Basil* calls it the *Earthly Serpent*; we in *England*, *Salt-Petre*. What the *Nitre* of the Ancients was, is unknown to us: Ours is threefold, 1. Extracted by water out of the Earth. 2. That which sticks to stone Walls. 3. That which grows to Rocks; of all which, the shops sell only the first. It is often adulterated, by being mixed with common Salt, but you may try it by burnings; for being fired upon a red hot tile, or stone, if all fly away, it

is pure; if any thing remain, it is common Salt. As to the first qualities of it, they are disputed: some say it is hot, some cold; but, without doubt, the latter is the truest. It resists putrefaction, quenches thirst, allays hunger, cuts tartarous mucilage in the Lungs, and other parts, dissolves congealed Blood, eases all manner of pains, abates the violence of burning Fevers; is excellent in Pleurisy, Peripneumony, Pains in the Side, Stone both in the Reins and Bladder, obstructions of Liver, Spleen, Meseraics, Reins and Bowels. It provokes Urin, allays Heat in Pissing, and is excellent in Coughs and Asthma's; yet it is not altogether so good in weak Stomachs, or where there is a Lask of the Belly. You may give it dissolved in Drink, Wine, or Water, a ʒi. ad ʒij. Outwardly, in a Gargarism, it is good for Inflammations of the Jaws and Tonfils, Quinsies, &c. and other hot Inflammations, being dissolved in Water, and laid on with a Cloth.

35. To purifie Sal Nitre.

It is done by Solution, Filtration, and Crystallization, in common water, according to the usual way. Or thus, according to Clessius; Dissolve Nitre lbij. in water lbij. in a brass Kettle over a Fire of Wood, then take it from the Fire, and drop in Wine-vinegar gradatim ʒiiij. or something more; then cover it close with cloths, and in about a day, the Crystals will float.

It has the Virtues of the former, but something a finer Medicin.

36. Lapis seu Sal Prunelle, Fixed Nitre, or Crystal Mineral.

Colledge.) R^x. pure and Crystalline Niter ℥ij. put it into a Crucible with Coals round about it, that the Niter may flow like Metal; to which being fused and despumated, put in at times by little and little, flowers of Sulphur ℥ij. the Sulphur being consumed, and the Crucible removed from the fire for a quarter of an hour, pour out the Niter (being liquid like Water) into a Brass Basin, which when it is cold, keep it in a glass close stopped for use.

Salmon.) Where Note, 1. That if it be not clear you may cleanse it by solution, filtration, and crystallizing of it in Rose-water. 2. That you may make a large quantity at a time, you may use a large Crucible, which will hold two or three quarts. 3. Put in the Nitre in powder whilst it is cold, filling up the Pot to the brim, because the Nitre being melted, will take up but half the room it did before, being no ways subject to rise and run over. 4. That if Nitre be put into the Pot, being hot, it would certainly break. 5. That Nitre (as all other Salts) only melt by means of their flegm; for Salts being calcin'd, or deslegmated, they cannot be melted, unless they be wet anew, by which means they grow the whiter. 6. That the Brimstone only purifies the Nitre by precipitating to the bottom the faces. 7. That the Nitre being melted, will not be coagulated upon the fire into a lump, as will Vitriol or Allum, &c. by which means you may cast it into what form you please, as of Bullets, Medals, &c. 8. That you use pure Nitre (free from common Salt) so will the Crystals be whiter and dryer; otherwise, if you use ordi-

nary or unrefined Nitre, the Air will be apt to dissolve them into water. 9. That if after the Nitre is melted and purified with Brimstone, you set it not cooler, it would break the Pot, were it made of Iron. 10. That though the Brimstone burns the Nitre, yet it inflames not the Nitre, because it is difficultly deslegmated, and so not easie to kindle. 11. That being dissolved in Rose-water, as aforesaid, it ought to be filtered warm through a brown Paper, that it may be fine and white; then the Water evaporated in a Sand heat, till a thin Skin be on the top, after which being cold, the Nitre will shoot into Needles of a sexangular form, white, clear, transparent as Rock Crystal, but brittle as Glass, having a pleasant grateful Acidity, and free from its fixed Salt, which is the true *Lapis*, or *Sal Prunella*, which is nothing else but well purified Nitre, fully divested of its flegm, fixed Salt, and black feces. 12. That it is called *Lapis Prunella*, or Plum stone, because it is sharp and sour, like wild Prunes, or Plums; yet others think it so called, from a soreness of the Throat, called in Latin *Prunella*, or the burning Coat, for which this Medicine is an especial Remedy, being used in a Gargarism; but whence the name comes, it is not much material, so long as we know what the thing itself is; and how to use it.

It is an excellent Anodyne, quenches thirst, cures all preternatural Heats, purifies the Blood, fixes Vapors that ascend into the Head, exhilarates the whole Body,

dy, helps sharpness of Urine, Dropsies, burning Fevers, and Fits of the Mother. Outwardly, it eases pains in Wounds, the Toothach, and the Gout, given à ℥ij. ad ℥iiij. or ℥ij. in Water, or other fit Vehicle; it kills Worms, provokes Urine, cleanses the Reins, and helps the Scurvy: Give it three, four, or five times a day. See unprepared Nitre at Sect. 34. being the same with it in virtue, or rather better; if you please you may give it with Sugar, in water, as aforesaid.

37. The Calcination of Nitre.

R. Nitre in powder ℔iiij. Quicklime ℔iiij. mix, and cement five or six hours, then extract the salt with hot water, which filterate and inspissate. Or thus: R. Sal Nitre, to which put S.V. or spirit of Sulphur, distil it from the Nitre by degrees, then increase the fire to make it run, which repeat five times, always putting on fresh spirit. Or thus: R. Nitre in powder, make it into paste with whites of Eggs, dry it: then with a strong fire melt it, and pour it out.

Nitre thus prepared is fixed and Anodyne, and has the virtues of the former; it makes Metals easily melt.

38. Crystallus Mineralis Saccharinus, Sugared Crystal Mineral.

R. Crystal Mineral, fine Sugar, ana, dissolve in Rose-water, filter, abstract, and crystallize.

It has the same virtues with *Lapis Prunellæ*, but pleasanter: It is a secret to stop bleeding in wounds.

39. Nitrum Perlatum, Pearled Nitre.

R. Nitre, dissolved in distilled Vinegar, p.iiij. salt of Pearl so dissol-

ved. p.ij. mix and coagulate by evaporation, setting of it in a cool place to evaporate: Thus may you make Nitre corallated.

These have both the same virtues with *Lapis Prunellæ*, but much exceed it in Consumptions, Rickets, Weaknesses, and Fevers, being a rare Cordial.

40. Nitrum Plumbesum, Nitre with Lead.

It is made as the former, with *Lapis Prunellæ*, and Sugar of Lead.

Given in a proper Vehicle, it is a Specific in Asthma's: Dose à gr. v. ad viij. If you make the dissolution in Tincture of Roses, Violets, Clove-gilliflowers, in Rose-water, the Crystals will be accordingly tinged.

41. Crystallus salis Nitri Clossæi, Crystals of salt Nitre of Clossæus.

Dissolve Nitre in spirit of Sal Nitre by digestion, abstract the stegm, add more spirit, digest, distil till it comes forth as sharp as it went in; then put the Liquor which remains in the Retort in a Celler to fall into little stones, which dissolve in water, and crystallize. These Crystals are called by some, The Fortified Dragon.

Those Crystals purge by Stool, Urine, and Sweat, open all manner of Obstructions, are Anodyne, and digestive. Given in ℥j. in any fit Vehicle.

42. Nitre Chalcibatum, Chalcibated Nitre.

R. Of the pure Salt drawn from the Caput Mortuum of A. F. p. ij. Sal Prunellæ p. j. first melt the Sal Prunellæ in a Crucible, which impregnate with the soul of Iron (Liquor, or in powder) till it be red; powder it, and mix it with the

afore-

foreſaid ſalt of the Caput Mort. and make a fine powder; put into a glaſs Still, and with a gradual ſand-fire make it melt till it is like water, then cool the glaſs, break it, and take out a red ſtone.

It has not only all the virtues of *Sal Prunellæ*, but is much more excellent. It reſtores loſt Appetite, cures the Cachexia, Fevers, Stone, Catarrhs, Scurvy, French-Pox, Conuulſions, Palfies, Impurities of the Blood, opens all Obſtructions, provokes the Terms, gives Sleep, Reſt, and Eaſe by Stool or Sweat, and in ſome by Vomit. Dose ad ʒi.

43. *Catharticum Nitri*, Purging Nitre.

Rx. Nitre, heat it in a Crucible, caſting in a live Coal now and then, that it may burn; which repeat till it will flame no more, what remains, diſſolve in ſpirit of Vinegar; filter and coagulate, which repeat thrice with freſh ſpirit of Vinegar: laſtly, diſſolve in S. V. and you ſhall have a Talcous kind of earth of Nitre, which will melt like wax.

It purges ſweetly, and is commonly mixt with other Purges to increaſe their Virtues, as Extract of *Rubarb*, *Senna*, &c. Or you may give it ad ʒiſ. in *Syrupū de quinque Radicibus*: It opens Obſtructions of Liver, Spleen, Meſentery, Womb, Reins, Bladder, and Bowels, and cauſes Livelineſs and Chearfulneſs.

44. *Nitrum Vitriolatum*, Vitriolated Nitre.

Rx. Salt extracted from the Caput Mortuum of A. F. (made of Nitre and Vitriol, ana) puriſie it by many ſolutions, filterations, and coagulations, till it be wiſe: Powder it, and mix it with a little Nitre, or

Lapis Prunellæ, which in a luted Still calcine and melt, which work repeat three or four times; but before the laſt operation, depurate it by ſolution, &c.

It is a ſweet Salt: *Mynſicht* calls it the duplicate ſecret, which is by great experience proved to be an Antidote againſt Melancholy, Agues, Fevers, Cachexies, Obſtructions of the Urine, Stone, Scurvy, &c. It cauſes Reſt and Sleep. It is certainly a moſt excellent Medicine, and a kind of *Panacea*: and may be ſafely given to all perſons. Dose à ʒi. ad ʒiſ. You may exalt its Virtues, if to this Salt p. vii. you add well prepared Calx of Gold, p. i. or *Enſ Veneri*, p. iii.

45. *Tinctura Nitri*, Tincture of Nitre.

It is made as that of Extract of Salt, at Sect. 4. foregoing.

It cures Rickets, Conſumptions, Obſtructions of the Lungs, and is a good Peſtoral, Strengthner, and Diaphoretic. Dose ad gr. x. or xij.

46. *Flores Salis Nitri*, Flowers of Nitre.

Rx. Nitre, Salt, ana lbj. melt and caſt in live coals: lay another Pot over them with the bottom upwards, which cover with a wet cloth, and the flowers will aſcend, and ſtick in the top of the upper Pot, which, with a Hares-foot or feather, ſweep, and keep for uſe.

They have the Virtues of the ſimple Salt, and *Lapis Prunellæ*, which ſee Sect. 34, 36.

47. *Spiritus Nitri*, Spirit of Nitre:

Rx. Pure Nitre lbj. Potters Earth p. v. mix them, with which

fill up to the neck a glass Retort, well luted up to its neck, place it in a close Reverberatory Furnace, with a capacious Receiver; give fire by degrees to the highest, for the space of 24 hours, the flegm comes first with white Vapours: then the spirit in red Vapours, which will make the Receiver as a Rubin.

Where note, 1. That some instead of Potters Earth use other Clay, Boile or Sand. 2. That Kessel takes Niter and Allum, of each a like quantity. 3. It may be drawn in a Tubulated Earthen, or rather Iron Retort, first heat red hot, then casting in the Salt by degrees or at several times, immediately after stopping the Pipe, so that the Spirit may settle in the Receiver, the which they will the easier do if water be put into it first. 4. Or after the last way, you may first melt the Niter, at once in the Retort; then cast in Sulphur at times by the Tube, stopping it at every time, till the Niter is consumed, so will you have Spirit of Niter like butter of Antimony, which dephlegmate and rectifie: the *Caput Mort.* Yields a fixed Salt of Niter. 5. That the Recipient be well and close luted to the Retort, lest the Vapours should exhale; the which the Operator must not come too near, lest their malignity should hurt his Brain and Nerves, and make him Paralytick. 6. That although the flegm is mixed with the Spirit, yet it hurts it not, because it is in so small a proportion to the Spirit, as that it cannot make it lose any thing of its energy and force. 7. That the purer and finer the Niter is the greater plenty of Spi-

rits will be had. 8. That it is in vain to rectifie Spirit of Niter made the common ways, or without Sulphur, because that it is so volatile, that it ascends conjunctly with the flegm. 9. Because Salt melted yields no Spirit, and Niter being the easiest of any Salt to melt, as being that which helps the fusion of other Bodies; and because Niter being melted is so fix (for want of Sulphur) that it can neither evaporate, nor be inflamed, we therefore put Sand, Clay, &c. in such proportion to hinder its fusion. 10. That it is in colour and form like to Spirit of Salt, vaporous and stinking almost like *Aqua fortis*; so corrosive and biting, as not to be tasted with the Tongue alone; that it gnaws or rots a Cork stopple, and makes it look yellow. 11. That which is right and good, being dropt on a Brass Farthing will presently Boil, and make the piece stir, and give it a blew colour. 12. That some mix spirits of Niter with water, and sell it for Spirit of Vitriol and Sulphur.

It is not without truth said, That as pure Vitriol is an acid Vomitive, so pure Niter is an acid Aperitive: from whence we infer, That it opens the Bowels, and most other Obstructions, abates the preternatural heat of Feavers, is Sudorifick, Anodyne, Resolutive, Discussive, and Alexipharmick: It cures Pleurifies and all sorts of Feavers, especially such as are malignant, and takes away the unnatural fermentation of Humors. It is a specifick in the Collick, being given in a lit-

tle

tle Spirit of Wine or Water, à ℥j. ad ℥ij. or ℥j. and mixed with a little Oyl of Nutmegs, and a little Civit, and anointed on the Navel. Outwardly it is good in Gargarisms and Lotions; to stop Gangrenes, takes away rotten Flesh, Warts, heals Cancers and Sores or Ulcers in the Mouth, Legs, and other parts. It dissolves ☿ and other Metals and Minerals, and is often to be preferred before A.F. (because that is of a Malignant Quality) especially in making of fucuses for the face; for those made with Spirit of Niter are clear and delicate, whereas those made with A. F. rather black (by reason of the Vitriol) than whiten it.

48. *Aqua-Fortis communis*, The common *Aqua-Fortis*, or dissolvent of Silver.

Colledge. *Rx. Of Vitriol prepared as for Oyl of Vitriol ℔ij. fine Sale-Peter ℔ij. boyl them together, and put them into a Retort well luted, placed in a Furnace with a large Receiver, with a naked fire, distil by degrees for the space of 24 hours; rectifie the water in a little Retort in Sand.*

Salmon. Here is to be noted 1. That you leave a third part of the Retort empty, lest the Vitriol melted by the Niter, should rise before the distillation of the A.F.

2. The Retort ought to be placed in a little Reverberatory, or circulatory Fire (a great one is not so necessary here) because the Niter is volatile, and having melted the Vitriol, it makes it yield its Spirit without a very violent degree of heat. 3. Continue the first degree of fire till the flegm, which comes in white Vapours, disappears, otherwise by a great

heat at first, the Materials would boyl over into the Receiver in their own substance. 4. When the red Vapours fill the Receiver, then increase the fire till the Spirit is drawn off. 5. That though Spirit of Vitriol cannot be drawn from Vitriol undeflegmated, yet A.F. may by reason of the fine Niter, whose opening Sulphur keeps the Vitriol porous and vaporous; but here the Colledge orders deflegmated Vitriol, that the A.F. may be stronger.

6. *Geber in libro inventionis* adds Allum ℔s 7. It is known by its yellowness, its stinking smell, its yellowing and corroding the stopple (if Cork) and its green colour, if put upon a Brass Fathing, in two or three drops, making it thereby to stir. It is a malignant Caustick, and the dissolvent of Silver and Copper. Dyers use it to give a penetration and glory to their colours. Some order it to be distilled from Vitriol and Niter, of each equal part; but the former is without doubt the better. It will dissolve Silver or Copper in equal parts, but for a more perfect dissolution it will be good to use more. Out of Niter and Vitriol undeflegmated ℔j. you may have ℥xvj. of *Aqua-fortis*.

49. *Aqua Regia vel Regis communis*, Common *Aqua Regia*, or the dissolvent of Gold.

Rx. Aquafortis ℔j. Common Sale despirituated ℥iv. distil with a strong fire three or four times till all the Salt comes over with the spirit: In every ℥ij. of which, dissolve Sal Armoniack thrice sublimed ℥j. Or thus: R. Spirit of Niter ℥ij. Sal

Armoniac ʒj. digest.

It is a good dissolver of Gold.

50. *Aqua Regia Basilij*, Basil's dissolvent of Gold.

R. Nitre Sal Armoniac A. ℥ij. powder of Flints ℥iij. distil by a Retort red hot with a Pipe: Schroder saith, the ordinary way is by an Iron Pot, on which is placed an earthen Cover like an Alembic with a beak, set it in a naked fire with a large Receiver.

It dissolves Gold, and carries it with it through the Receiver.

51. *Aqua Regis Tentzelij*, the golden dissolvent of Tentzelius.

R. Nitre ℥ij. powder of Flints ℥iij. distil the water from them by a Retort; from the Caput Mort. extract the salt with hot water; with the remaining ashes mix Sal Armoniac ℥ij. distil by a Retort in a naked fire, so have you Aqua Regia; which distilling in B.M. or ashes in a Glass Alembic, will yet be clearer.

52. *Spiritus salis Nitri Bezoardicus*, Bezoardic Spirit of Nitre.

R. Rectified spirit of Nitre, Butter of Antimony, ana, distil in a Retort, so have you the Bezoardic Spirit of Nitre; the Caput Mort. serves to make Bezoar Mineral of.

If it be strongly forced, the spirit will be red, and be able not only to dissolve Gold, but also to volatilize it.

VI. OF VITRIOL.

53. *Of crude or unprepared Vitriol.*

Vitriol is a gross, terrestrial, universal salt, according to the nature of the Mine whence it is digg'd, and is called Calcanthum. It is three-fold, viz. 1. Saphyrine, or Sky-coloured, coagulated like Sugar-

candy, dry in touching, which is Hungarian or Cyprian. 2. Greenish, being more granulated like common Salt, and unctuous, as the Sweetland Gossarian Vitriol. 3. The white and dry, made like small loaves.

Vitriol may be said to be either native or factitious; the native is taken out of the Earth, either in its own form, or in water, (*sub forma Aquæ, primum in quodam fodinarum lacu colligitur quæ postea vase excepta cito concrevit in Vitriolum.* Horst. de re Medica par. 1. lib. 7. cap. 5.) The factitious is made out of Copper, or Iron, severally or conjunctly, among which, the Roman is chief. Of these kinds it will be good to chuse that which has more Copper than Iron in it, which rub'd upon bright Iron, makes it, look red, but take heed of that which they commonly make Ink of: the Hungarian is best. All Vitriol is hot, dry, and astringent. It kills Worms, provokes Vomiting, (though Galen saith it stops it) cures the Leprosie, and all external breakings out; you may dissolve it ʒj. in a Pint, or Pint and half of Rhenish Wine, and so give three or four spoonfuls of it often in a day with ordinary Drink, or with Wine which is better; thus taken it is exceeding good against the Pox, and all Pocky breakings out. See our Med. Dor. lib. 3. cap. 24. Sect. 17. Outwardly it is good as an Errhine, as also to wash such as have the Itch, or any Breakings out. Paracelsus accounts it for the third part of Physick, and saith, that a whole Shop is contained therein.

54. To purifie Vitriol.

It is done by solution, filtration, and a digestion for a month, then evaporation, and crystallization according to the usual way.

It is the more fit to be used in former cases; Or thus, more at large.

55. Gilla, seu Vitriolum Emeticum Paracelsi, Vomiting Vitriol.

Rx. White Vitriol, dissolve it in water, filter and evaporate, till a crust appears at top, place it in a cold place to crystallize, evaporate the water again, and set it to crystallize, which repeat thrice more; then take the Crystals, and dissolve them in Rose-water, filtering and coagulating, which repeat the third time, then dry the Crystals with a gentle heat, and beat them into a white powder.

It is a gentle Vomit, and very good in all Feavers; it cures all Diseases of the Stomach, and Head, Catarrhs, Worms, Plague, Epilepsie, Scurvy, Leprosie. Dose \dot{a} ʒi. ad ʒi. in Wine or Broth. Where note, that there are four several Gills or Vomiting Vitriols. The 1. is made of blew or Roman Vitriol dissolved and precipitated with Oyl of Tartar, the Sulphur being separated filter the solution and crystallize; this is the strongest and most violent. The 2. is what we have before shewn in the prescript, which is not so desperate. The 3. is made of the Vitriol of Copper or Iron, according to Crollius, having a Stiptick sweetness, being twice or thrice dissolved in Flegm of Alum, and coagulated; this is less violent. The 4th. is the salt of Vitriol made of the Caput Mort. after the Spirit and Oyl is drawn

off; this is the most innocent and fit for children: these all cause Vomiting within one quarter of an hour after taking.

56. Vitriolum Emeticum Sala, the Vomiting Vitriol of Sala.

Rx. Roman Vitriol and dry it in an Earthen pan over a fire, or in the Sun beams to a white powder: dissolve it in Centary water, filter and Crystallize, dry them, and keep them in a glass Vessel close stopped.

Where is to be noted, 1. That any other Vitriol may serve to make it of. 2. That both Clossæus and Beguinus affirms, that Centary Water both facilitates and confirms the Vomiting force. It both Purges and Vomits, given \dot{a} ʒi. ad ʒss. in any fit Vehicle: and is good in Malign and Pestilential Feavers, and in Agues. Note also this as a general Rule in the Purification of all Vitriol, That after Solution and filtration, you must digest a month or a forty days (which is a Medicinal month) before you can separate the solution from the feces, and still digest till no feces will settle.

57. Coagulum Vitrioli Clossæi, Clossæus his Card of Vitriol.

Rx. Salt of Vitriol, Tartar calcin'd, ana; dissolve each a part in Rose-water, then filter, joyn and coagulate.

It scarcely vomits, but purges well, given \dot{a} ʒss. ad ʒi. It has the Virtues of the former, cures Agues and Melancholy.

58. Vitriolum cum nitro, Vitriol with Niter.

Rx. Pure Vitriol, fine Niter, ana; mix, and in a crucible close covered

B b 3 calcine

calcine for seven or eight hours: then dissolve by boiling in water, filter and evaporate till a scum arises, lastly, in a cold place set it to crystallize.

It vomits, and has the same Virtues of the *Gilla Paracelsi*, at Sect. 55. It also cures the Cachexia, Dropsie, Fits of the Mother, Epilepsie, and stoppage of Terms. Dose à ℥j. ad 3j.

59. *Colcothar Vitrioli*, Calx of Vitriol.

Rx. *Vitriol*, boil it in an earthen Vessel till it is dry, then increase the fire, and calcine it till it is red: Or thus, Rx. Crystals of Vitriol gently dried in powder, put it into a luted Matraiss with a broad bottom, close stopped, (the Vitriol being stratified over the bottom of the Matraiss only a quarter of an inch thick, otherwise you will lose your Labour) place it in ashes, equal in heat to the Sun-beams, where let it stand till it turns red, which will be in about twenty days.

It is intended to make several other preparations of: in Water it yields a Salt, and in Spirit of Wine, a good Liquor, to stop Bleeding, and cure Wounds.

60. *Sulphur Vitrioli Hartmanni*, Hartman's Sulphur of Vitriol.

Dissolve Vitriol in hot Water, to which put Oil of Tartar, and the Sulphur will fall, which sweeten by washing, and dry.

It is a good Pectoral, cleanses and heals Ulcers.

61. *Sulphur Vitrioli Kessleri*, Kessler's Sulphur of Vitriol.

Digest Vitriol in its own flegm to four or five Inches above it, that the sarrene part may settle: filter the liquor, and with Oil of Tartar per de-

liquium, precipitate the Sulphur, decant, sweeten with hot water and dry.

It has the virtues of other Vitriols, and only purges downwards à gr. v. ad x. Where note, That the Sulphur is made purgative by dissolving in the flegm of Vitriol.

62. *Sulphur Vitrioli fixum*, Fixed Sulphur of Vitriol.

Rx. *Hungarian Vitriol*, or Vitriol of Copper ℔ij; filings of steel ℔j. spirit of wine ℔iij. mix, and boil them together in sand, at last coagulate: and make the Mass red hot: from which with Spirit extract the Tincture, (in which is the combustible Sulphur, if you evaporate, calcify and dry, but if you) precipitate with Oil of Vitriol, and edulcorate, then you have the sweet fixed Sulphur of Vitriol.

It is of use to make other Medicines, as Anodynes, Laudanums Flores, &c.

63. *Terra Vitrioli*, Earth of Vitriol.

Dissolve Vitriol in water, and its Earth will settle.

It is of use for the following prescript.

64. *Flores Terræ Vitrioli*, Flowers of the Earth of Vitriol.

Rx. Of the former Earth, *Sal Armoniac*, ana, mix and sublime with a gradual fire till the flames cease: then put to water, and digest in B.M. a day or more, so a fine powder will subside, which edulcorate by many ablutions.

Sala saith, their chief use is in the Cure of Wounds: but experience has confirm'd them good against old Sores, Ulcers, Putrid Fistula's, &c. *Basil* says, that if this Powder be melted, it will

will be part of it good Copper.

65. *Flores Sulphuris Vitrioli*, Flowers of the Sulphur of Vitriol.

The Flowers are elevated in a sublimatory, the ordinary way.

66. *Flores Vitrioli Crudi*, Flowers of crude Vitriol.

Crude Vitriol is sublimed altogether, in the same manner as Sal Armoniac.

These Flowers are only Vitriol purified by Sublimation, and are good for all the Intentions of crude Vitriol, and much better, being used in the same manner.

67. *Lapis Vitrioli*, The Vitriolic Stone.

Rx. Colcothar, or Vitriol calcin'd to redness ℥ij. Litharge, Allum, Bole, A. ℥iiij. put all into a glased vessel, on which put Vinegar two or three Inches over: digest two or three days, then add fine Nitre ℥viij. Sal Armoniac ℥ij. abstract the humidity, what remains, calcine for about half an hour, with a strong fire, then cool and keep it for use.

Where Note, 1. That the Caput Mort. (after the distillation of the Oil) of Vitriol is best for this work. 2. That the Vinegar is added to cause a Fermentation, that the Nitre and Sal Armoniac, may the more easily mix. 3. That the Stone being of a binding quality, the Calcination, at last, is added; to augment that property, and to fix the Stone, that it may the better keep. It is very good, to stop bleeding, dry up and heal wounds; and is an excellent Remedy to stop a Gonorrhæa, ℥j. of it being dissolved in Poppy-water ℥viij. (or in stead

thereof Smiths water) to make an Injection into the Yard; it is one of the best (but not the very best) of Remedies in that case. It is also good for fluxions of Rheum into the Eyes, being dissolved, as aforesaid, gr. ij. to an ounce of the water.

68. *Aqua Styptica*, Styptic water.

Rx. Colcothar, or Caput Mort. of Vitriol, Burnt Allum, Sugar-Candy, A. ℥j. fresh Urine of a young Man ℥iiij. Rose or Poppy-water ℥iiij. mix well, stirring it in a Mortar for half an hour, digest and keep it for use close stopp'd, separating it by Inclination as you have occasion for it.

It is a very excellent thing to stop all Fluxes of Blood in what part soever: A Bolster dipt in it, and laid upon an Artery opened, holding it with your hand a while, stops the Blood: if it gushes out too fast, redouble the Bolster, and hold your hand upon it for about half an hour: in like manner a Pledget wet therein, and put up the Nostril, stays an Hæmorrhagy: being taken inwardly à gut. x. ad xx. or xxx. in Poppy-water: It cures spitting of Blood, Bloody Flux, Flux of the Hæmorrhoides, and the Terms.

69. *Sal Vitrioli*, Salt of Vitriol.

Rx. Colcothar, or Caput Mortuum of blue Vitriol reverberated, or Calcine blue Vitriol, till it is a red or purple Powder, and with fair warm water extract its Sale in 24 hours; boil it a little, let it settle, then decant, filter, and abstract with a gentle fire in a sand bath.

til the Salt be dry at the bottom, of a flesh colour; which powdered will be white.

The Virtues hereof are the same with the *Gilla Vitrioli* at *Señ. 55.* but is so very a gentle Emetick that it may be given to Children. Some think that it is rather Cathartick than Emetick. It may be given à ðss. ad ðij. or 3j. *Sala* commends it as an excellent thing in Epilepsies and other Diseases of the head; It is good against Pleurifies, Feavers, Plague, Fainting and Sounding fits, illness of the Stomach, Putrefaction of Humors, Obstructions of the Stomach, Liver, Spleen, Bowels, Reins and Bladder. Snufft up the Nostrils it gently purges the brain by Sneezing. Where note, 1. That after the extraction of the Salt there remains a red Earth, which is good against Diarrhæas, Dysenterias, Fluxes of blood, &c. being a great astringent. 2. That if the Vitriol be not calcin'd of a black purple, you will get no Salt out of it, but only a meer vitriol. 3. That being exposed to the Air for a year or two, it returns into Vitriol again.

70. *Tinctura Vitrioli Magistralis*, Magisterial Tincture of Vitriol.

R. *Sale of Vitriol, to which put Spirit of Vitriol two or three Inches above it; digest and distil till the Volatile part exceeds the fixed, and carries it with it, viz. till the Alkalious Salt is volatilized, which sublime; then imbibe it with the Oyl of Vitriol, and digest gradatim, till they are united, and become of a purple colour which in 6 or 7 months will be perfected.*

This is that Medicament by which, as some suppose, Gold is

brought into its first substance, and is thereby made the most universal Medicine: this Tincture it self is accounted as an Universal Elixir, and powerfully to root out the worst of Diseases, being of a most piercing and appetitive nature: Dose gr. ij.

71. *Tinctura Vitrioli Cyprii Closeti*, Tincture of the Vitriol of Copper.

Take Vitriol of Copper, digest it for 60 days or more in a close Vessel with a gradual fire, till many colours appear, then yellow, at last red: to which put SV. ℥ extract a Tincture, which divide into two equal parts: dry the one, and fix it to a red earth: putrefie the other for a month, and abstract by many cobobations with the rest of the Tinctured SV. then distil, augmenting the fire, till the oyl come forth, which rectifies; Take of the former red earth p. of the Oyl p. j. mix and digest in a luted vessel in Ashes, till they coagulate: add fresh oyl, and coagulate ion days; then fix it with the fourth degree of fire, keep it in flux three days; so you have a red fixed stone, without fumes, which tinctures the chiefest Medicine.

This Tincture if mixt with as much Philosophical potable Gold, is an Arcanum against Epilepsies, Convulsions, Palsies and Megrimis, Head-ach Apoplexy, Madness, Syncope, Cachexia, Dropsie, Stone, all sorts of Feavers, nonputrid, putrid and pestilential: given in a proper Vehicle à gut. j. ad ij. it doth wonders, cures Diseases by transpiration, strengthens the Womb, provokes Venery, and cures Consumptions.

72. *Tinctura seu Manna Vitrioli*, Manna of Vitriol.

It is extracted from pure Vitriol, by digestion in spirit of vitriol, alkalinized with its own salt, filtered and coagulated to a yellow powder.

This Tincture has the Virtues of the former, especially if mixt with the said potable Gold; but note, that if you circulate with S. V. an Oyl will be at top: then distil by an Alembick: which work being reiterated with S. V. will be fragrant.

73. *Tinctura Crystallorum Vitrioli*, Tincture of Crystals of Vitriol.

Take Green Vitriol, distil from it in Ashes, a sufficient quantity of Flegm and spirit, with which from the Caput Mort. extract a green Tincture in a cold place, stirring it often: decant the Tincture, and abstract by distillation to the thickness of honey, then set it to Crystallize: the Crystal circulate with SV. in a glass Vesica luted, distil in sand or ashes by a gradual fire in an Alembick, and cohobate, putting on the spirit of Vitriol: this continue for about 4 days, till after the spirit a red Oyl come forth: Lastly in B.M. abstract the SV. and in sand or ashes the spirit of Vitriol, so have you remaining a red Oyl or Tincture.

Quercetian commends this, as a most admirable thing against all Diseases which proceed from gross Humors: It is doubtless an excellent Remedy against all sorts of Feavers, and cures the Scorbutic to a wonder. Dose à gr. ad iv. or vj. if you joyn this Tincture with its proper Spirit of Vitriol, and abstract it again, and digest it, it will be sweet, and an effectual Remedy to root out the very worst

of Diseases, as Epilepsies, Apoplexies, Palsies, the Megrims, Drop-sie, Stone, Gout, &c.

74. *Magisterium Vitrioli*, The Magistery of Vitriol of *Senner-tus*.

R. Spirit of Vitriol, rectified with the Oyl: with the Flegm draw a Salt from the Caput Mort. which separate from the Salt by distillation, often cohobating and digesting: Take of this Salt p. ij. of the aforesaid spirit and Oyl, p. j. mix and exhale the humidity in B. M. which so long repeat, till the Salt has sucked in its equal weight of Oyl: then digest in a luted glass Matrass for 8 or 10 days, Lastly Coagulate in Sand or Ashes, which will be done in 16 or 20 days.

It is a great Diuretick, breaks and expels the Stone, opens all manner of Obstructions, chiefly of the Spleen, cools the heat of Feavers, cures the Cachexy, Dropsie, Scurvy, Green-sickness, &c. Dose à gr. iv ad vi.

75. *Essentia Sulphuris Vitrioli*, Essence of the Sulphur of Vitriol.

℞. Precipitate of the Oyl of the Sulphur of Vitriol at Sect. 80. digest in SV. in a hot place in a close Vessel for 8 or 10 days, so the Essence will swim at top like Oyl, which separate from the SV.

This Essence is sweet, and Hartman says of as great Power and Force as the Tincture of Antimony: given with Essence of Balm, and choice Canary, it doth Wonders in the Art of healing: It expels all bad humors by sweat, cures Dropsies, Consumptions and the Stone; It strengthens the Womb, takes a-

way

away Barrenness, and causes Fruitfulness in both Sexes. Dose à gr. i. ad iv.

76. *Extractum Vitrioli Narcoticum*, the Narcotic or Anodyne Extract of Vitriol.

Rx. *Vitriol in powder, dried white by a gentle heat* ℞ls. put it into a very dry Vessel (else you will labour in vain) and with S.V. ℥xxx. digest it in a horse dungbil a Month, decant it from the feces without troubling of it; and in B.M. abstract so much of the spirit, till the remainder be a yellow liquor, of the thickness of the Oil, which keep close in a glass.

This is as Anodyne and Narcotic as Opium, but much more safe. It gives ease in all manner of pains, how great and inveterate soever, and that in a moment. It stops all Rheums and Effluxions from the Head, and corrects and thickens malign Vapors, which cause Epilepsies, Apoplexies, Convulsions, the Megrim, Palsie, &c. Dose à gr. vj. ad xij.

77. *Pulvis Sympatheticus Digbij. Sir Kenelm Digby his Sympathetical Powder.*

Rx. *Roman Vitriol (as you buy it, or crystallize) calcine it white by the Sun-beams, by means of a burning glass; beat it into a fine powder, and keep it for use.*

It cures all Wounds and Sores, by washing a bloody Cloth in the water in which it is dissolved, keeping (mean season) the part afflicted warm: and the said water in a very gentle and temperate heat.

78. *Oleum Vitrioli*, Oil of Vitriol.

Colledge.) Rx. *Hungarian, or the best English Vitriol, as much as you*

please, melt it in an unglased earthen Vessel, and exhale away all the Humidity, continually stirring of it till it is brought into a yellow Powder: which put into an earthen Retort that may endure the fire, placed in an open Furnace. Græfise by degrees to the height for three days, till the Recipient, which before was full of Fumes, be clear. Rectifie the distilled Liquor, separating the flegm, by a small Retort in sand according to Art, keeping the strong ponderous Oil by itself.

Salmon.) Here is to be noted, 1. That in Distilling, the Flegm comes first, by a very small fire, encrease the fire by degrees, till you come to the highest, which continue, till you perceive black Veins to trickle down the Recipient; which then remove, decant the Flegm, and fit the Receiver again to take the Oil, not lusing of it. 2. You may, if you please, instead of an earthen Retort, use a glass one, luted up to half the neck. 3. The Flegm being thus separated in the distilling, what comes after is Spirit and Oil, which you may separate in a Glass Cucurbit, with its head luted to a Receiver with a wet Bladder, drawing off about one third part, which is the Volatile and Sulphurous Spirit of Vitriol, which must be kept in a Viol close stoppt: what remains at bottom, is the caustic Oil of Vitriol. 4. In the first Operation, you ought not to fill your Retort above two third parts full, lest the vapors being straitned should break all. 5. You ought not to be limited to three days distillation, but

but so long till (in distillation the fire being at height) the Receiver feels cold. 6. That the Spirit of Vitriol, is commonly a small part of the true Spirit mixt with much Plegm: and the Oyl of Vitriol is only the true Spirit deflegmated. 7. That no intermedium is mixt with Vitriol as with other Salts, because its own Body is so earthy: so that being deflegmated it cannot melt, and therefore cannot fix and retain its Spirits within its self. 8. That the *Roman* Vitriol being less unctuous, is less fit for this purpose. 9. That the Spirit of Oyl or Vitriol being put upon Iron, transmutes it in a little time into Copper: so also Spirit of Niter put upon Salt of Tartar makes Salt-Peter. 10. There is another a little differing from this, which you may see in our *Dor. Med. Lib. 2. Cap. 3. Sect. 24.*

This Oyl comforteth the Stomach wonderfully, abating all inflammations, quenching thirst, and repressing the heat of Feavers: it causeth a good Appetite, and takes away gross and Melancholick Humors from the Stomach; it purifies the Blood and wonderfully resists all Poyson, Plagues and putrefaction; it is a noble Medicament, and may be accounted truly Cordial: It provokes Urine and the Terms, breaks the Stone and expels it, and is an absolute cure for the Scurvy. It makes black Teeth white and clean, and cures any Ulceration in the Mouth, Throat, Uvula, or other parts, (only by touching the Ulcer with the Oyl) for which there is scarce a better Medicine, as well to enlarge the

Orifice, remove a Callous, as to correct and prepare it to a good healing (by touching it with Lint dipt therein on the end of a probe) it is a good corrective in all purging Medicines, being comfortable to the whole Body, grateful in taste, powerful, yet safe in operation. It is a most precious thing in the Plague, and all pestilent Feavers, and may be given à gut. vi. ad xx. in any convenient Vehicle, but taken alone it kills. It has all the Virtues of Oyl of Sulphur, which see Chap. 12. Sect. 21. following.

79. *Oleum Vitrioli Diaphoreticum*, Diaphoretick Oyl of Vitriol.

R. Purified Vitriol, dissolve it in Oyl of Tartar, draw it off: dissolve what remains in Spirit of Salt, which make into a mass with Sugar or Cream of Tartar; Lastly distil by a Retort. Thus with Spirit of Salt and Cream of Tartar, you may draw Oyl from Metals whether Crude or Calcined.

It is a great Sudorifick, expels Venom and Poyson; it is sweet, and gently binds. Dose gut. iij.

80. *Oleum Sulphuris Vitrioli*, Oyl of Sulphur of Vitriol.

R. Sulphur of Vitriol ℥iv. Salt of Tartar ℥ij. mix and distil by a Retort, at last make a fire of suppression, so have you a red Oyl. If you drop spirit of Vinegar upon this Oyl, you have a pectoral powder, which edulcorate and dry.

Both Oyl and powder open Obstructions of the Lungs, and cure almost all Diseases affecting those parts, externally it cures Wounds and Ulcers. Dose

à gr.

à gr. v. ad x. From this Powder you may make an Essence or Tincture, which see before.

81. *Oleum Vitrioli Rubrum*, Red Oil of Vitriol.

R. Vitriol calcined yellow lbij. gross powder of flints lbvj. make it into a mass with S. V. then distil by a Retort. Or thus, Calcine Vitriol, mix it with as much Litharge of Gold, and distil it. Or thus, R. Colcothar lbij. Sack lbis. mix and abstract to driness, then powder and distil in a Retort, so have you first a Flegm, then lute to a large Receiver, and with a strong fire draw a blood-red Oil. Or thus from Tentzelium. R. Earth of Vitriol dried, put into a Retort, and with a Reverberatory fire force over a piercing blood red Oil.

The first provokes Urine, and cures the Dropsie, yet is more used in Metals, than Physic. The second and third are singularly good against the Gout, and other external pains. The fourth is a Cephalic, and is good against the Megrim, Vertigo, and Epilepsie. They may all be given à gut. vj. ad x. in any proper Vehicle.

82. *Ros & Aqua Vitrioli Sala*, Dew and Water of Vitriol.

R. Crude Vitriol, and draw the dew from it in B. M. in a low Still: then take it out of the Balneo, and put the Still with the Vitriol in it into sand, making the heat so great, that the water may come.

Sala commends the Dew against Inflammations of the blood, and hot pains of the head, given ℥ij. at a time for several days together. The water is Sudorific, Anodyne, Consolidative, and Diuretic, purges the Reins, and helps

to heal internal Ulcers, and this more especially, if you add a few drops of Oil of Tartar to make it sharper.

83. *Phlegma Vitrioli acidum* Harmanus, Acid Flegm of Vitriol.

R. Roman or blue Vitriol, distil in ashes with an Alembic, cobobating seven times or more, and augment the fire the last time upon the Caput Mortuum; after all, Circulate the water ten days with a moderate heat, so will it be sweet scented.

Harman saith, It is a Secret against Head-achs, and Epilepsies. Dose ℥ij. ad iv.

84. *Spiritus Vitrioli Vulnervarius*, the Vulnerary of Vitriol.

R. Pure rectified Oil of Vitriol (at Sect. 78.) ℥j. S. V. rectified lbij. mix and digest.

This is the greatest Secret in Vitriol. It cures most Diseases of the Head, as the Megrim, Epilepsie, Apoplexy, Vertigo, &c. is a wonderful thing in all manner of Sores, Ulcers, Fistula's, Cancers, Scabs, Itch, and the like: and cures green wounds at once dressing. Inwardly it cures Coughs, Colds, Asthma's, Ulcers of the Lungs, Plics, Consumptions, Rickets, Plurifies, pains of the side, Stone and Gravel in the Reins and Bladder, Plague, and all sorts of Fevers, whether continual, or intermitting. It opens all Obstructions of the Stomach, Bowels and Kidnies, purifies and sweetens the mass of Blood, cures the Scurvy, French-Pox, Cachexia, Cholick, and other ill habits of the Body. Dose à ℥ij. ad ℥ij. in any proper Vehicle.

85. *Spiritus Vitrioli Antepilepticus Basilii*, Basils Antepileptick spirit of Vitriol.

℞. Verdigrease, dissolve it in hot spirit of Vinegar; extract the Tincture and decant, draw off the humidity, & set it to crystallize. Take those Crystals and distil them in a Retort, till it begins to turn black; so have you a green spirit, which rectified in a glass Retort will be clear.

It is a good Cephalick, cures Megrim, Vertigoes, Epilepsies, Stone and Gravel in both Reins and Bladder. Dose gut. xx. or more in any Specifick Vehicle.

86. *Spiritus Vitrioli Antepilepticus Paracelsi*, Paracelsus his Antepileptick Spirit.

Draw a Flegm from Hungarian Vitriol and cobbeare till the Caput Mort. be wasted, ad SV. rectified, digest two or three days, and distil gradatim, till all the spirits are come over: to the distilled Liquor put Treacle-water with Camphir, distil them together twice or thrice.

It has the Virtues of the former. Dose à gut. x. ad xx. every morning fasting in some specifick water: give it also in the fit.

87. *Spiritus Vitrioli Antepilepticus Quercetani*, Quercetans Antepileptick Spirit.

℞. Seeds of Hypericon, Peony, Lily convalli, Marigold, Rosemary, Roses, flowers of Hypericon, Ivory rasped, Harts-horn, Mans-skull, Mistletoe of the Oak, A. ʒi. digest all being finely prepared in Flegm of Vitriol ℞vj. in B. M. for a week; then strain and distil, to which put Vitriol ℞ls, distil in B. M. cobobating four or five times: at last, to the distilled Liquor put spirit of Vitriol ʒiiij. and distil again in B. M.

The Title shews the Virtues, Dose gut. xv. or xx. in a proper Vehicle.

88. *Spiritus Vitrioli Antepilepticus Hartmanni*, Hartmans Antepileptick Spirit.

℞. Hungarian Vitriol. ℞iiij. Boys Urine ℞vj. digest in B. M. then distil a double flegm & powder the Caput Mort. and distil in a long earthen Retort with a strong fire at first, so have you an ley spirit, which will coagulate.

The first flegm cures Diseases of the Eyes; the second which is sharper cures the Gout; the third cures Epilepsies in Children, Obstructions, Stone, Gangreens.

89. *Spiritus Vitrioli Penoti*, Opening Spirit of Vitriol of Penotus.

℞. Hungarian Vitriol calcin'd red ℞iiij. Flints and Tartar calcin'd A. ℞j. powder and let them melt per deliquium; distil the Oyl with the Caput Mort. in sand by an Alembick, cobobating thrice: then distil it by a Retort in an open fire: This must be done first gently, that the flegm may come forth; then with a stronger fire that the spirit may ascend: from the Caput Mort. extract a salt with water, which digest in a sharp spirit: afterward in B. M. draw off the flegm; what remains make into balls with Clay, and by a Retort in a gradual fire, draw an alkalized spirit.

It opens all obstructions of the Liver, Spleen, Stomach, Mesentery, Bowels and Reins; cures the Green-sickness, Cachexia, Rickets and Dropsie. Dose à ʒi. ad ʒiiij. in Rhenish Wine, or Perficary water.

90. *Spiritus Vitrioli Diaphoretici*

cum Sale, Sala's Spirit of Vitriol.

R. Common Vitriol ℥iij. Sale of Tartar, Hartz-born calcin'd, A. ℥ij. digest, then distil by a Retort into a capacious Receiver; to the spirit add an equal quantity of S.V. digest and keep it in a close Glass.

It resists Corruption, cleanses the Blood, cures all Obstructions of the Lungs, Liver, Spleen, Mesentery, and other parts, stoppage of the Terms, Green-sickness, Dropsie, Melancholy, Ulcers internal and external, Scabs, Itch, Fevers, Small-Pox, Measles, Plague. Dose à gut. xx. ad xxx.

91. *Spiritus Vitrioli Philosophicus*, Philosophic Spirit of Vitriol.

R. The ablutions of Mercurius vitæ, by which it was sweetened; abstract in B. M. till a yellow sharp liquor appears, which is the Philosophical Spirit of Vitriol, rectifie it in a Retort from its terrene matter.

It is a very excellent thing against Fevers, French-Pox, Melancholy, Epilepsie, and all Diseases of the Head. It opens Obstructions of the Liver, Spleen and Stomach, strengthens the Bowels and inward parts. It draws out the Tincture of Metals, dissolves Coral and Pearl, and acuated with Spirit of Salt, dissolves Gold. Dose à gr. iij. ad viij. in Wine, or other appropriate Liquor.

92. *Spiritus Vitrioli cum Melle*, Honeyed Spirit of Vitriol.

R. Vitriol calcin'd white in the Sun ℔ij. Honey in the Combs ℔iij. distil them.

It is an Anodyne, and eases all external pains, chiefly the Gout; if the pain is without inflammation, mix it with Wine, and bathe therewith, but if with inflamma-

tion, with Vinegar, because that also cools much.

93. *Spiritus Vitrioli Tentzelij*, Tentzelius his Spirit of Vitriol.

R. Hungarian Vitriol calcin'd white ℔j. Tartar calcin'd black ℔ss. add to them (being in powder) Spirit of Wine, distil in an Alembic with a strong fire, and cobobate it, separate the S.V. from the spirit of Vitriol, rectifying it in Sand.

It has the virtues of the Diaphoretic Spirit, at Sect. 90. foregoing. Dose à ʒi. ad ʒiij. in Broth or Sack for three mornings together.

24. *Spiritus Vitrioli dulcis*, Sweet Spirit of Vitriol of Keller.

R. Calcin'd Vitriol, and digest it in distilled Vinegar; decant, and add new spirit of Vinegar, this do five or six times, digesting every day; put all these digested Vinegars together, and distil them so often till they are become like spirit of Vitriol; mix this spirit with Clay, and distil in a Retort, so will it be sweet. Or thus: *R.* Rectified Spirit or Oil of Vitriol ℔j. Caput Mort. of Vitriol freed from its salt ʒiij. mix and distil them by a Glass Retort in Sand into a capacious Receiver, and the spirit will be sweet. Or thus: Circulate it with S.V. forty days in a gentle heat, then abstract the spirit of Wine, and the Vitriol will be sweet. Or thus: Mix it with its own slegm, and circulate it. Or thus: Distil the spirit of Vitriol from scales of Iron several times, always adding fresh scales.

It opens Obstructions of the Stomach, Belly and Reins, breaks and expels the Stone, and other Diseases proceeding from Tartar, Cures Catarrhs, and most Diseases of the Lungs. Dose à gut.

xx. ad xxx. in generous Wine.

95. *Spiritus Vitrioli Volatilis Paracelsi*, Volatile Spirit of Vitriol.

It is made as we have taught in our Doct. Med. lib. 2. cap. 2. Sect. 12. you will have but 3℥s. of spirit out of ℔j. of Vitriol.

Paracelsus commends it as a perfect Remedy against the Falling-sickness; and mixed and given with Rain-water, is excellent against the worst of Fevers. Dose gut. xx.

96. *Spiritus Vitrioli Volatilis Hartmanni*, Hartman's Volatile Spirit.

Rx. Vitriol cleansed and dried, put it into a loricated glass Still, and draw the spirit over nine times with a strong fire, one Alembic exactly fitted to another, (as in the subliming of flowers of Antimony) so will you have a most piercing spirit of Vitriol.

It has the Virtues and Dose of the former, being notable against Epilepsies.

97. *Spiritus Vitrioli Volatilis Sennerti*, Sennertus his Volatile Spirit.

Rx. Cleanse Vitriol, add spirit of Wine to make a Paste, put it into a Retort, and distil first the S. V. 2. The flegm of Vitriol, and then the spirit, which deslegmate, and draw the flegm with the fixed Oil in sand, and deslegmate in ashes.

For the Virtues, see the former.

98. *Spiritus Vitrioli Schroderi*, Schroder's Volatile Spirit.

Dissolve Vitriol in water, boil it three or four hours in an Iron Pot, adding to every Pound of dissolved Vitriol, filings of steel 3j. cool it, and the Oaker will be in the filings; separate the filings, and add new filings, repeating this three times;

then take the Crystals of Vitriol, and in an earthen Retort, giving fire by degrees, draw first the flegm; 2. the white acid Spirit: then stopping half a day, that the Vessels may cool: Take the remaining Colcothar, and cast it into a glass Retort well luted, with a large Receiver, making a fire of suppression for eight, or twelve days, which is better, (that you may be sure to draw all the Volatile spirits from the Vitriol) so have you true Volatile spirit joined with sweet Oil, which separate.

What the Volatile Spirits are good for, you have heard already: The sweet Oil, Schroder saith, opens Obstructions of both Liver and Spleen, and cures Fevers. Dose ℥j. in Beer, Ale, or Wine. He saith also, that it fixes Mercury, made into a firm white Powder. If you work rightly from ℔xij. of Hungarian Vitriol, you will have ℔v. of Spirits.

I have more than thirty other singular and experimented processes of Vitriol by me, of excellent use, no ways inferior (many of them much superior) to any thing yet published, which in due time (if the Ingratitude and Unworthiness of this Generation prevent not) may be made publick to the World.

VII. Of TARTAR.

99. *Sal Tartari Nitratum*, Salt of Tartar with Nitre.

Rx. Tartar white or red, fine Nitre, ana, powder them apart, then mix, which put into a glazed earthen Pan, or a large Crucible, and with a red hot Iron stir all this mass, till the Nitre be wholly consumed, which is known by the ceasing of the flagra-

flagration and burning. Thus the Tartar being thoroughly calcin'd, yields a salt as white as snow, and the same in weight with the Tartar, by which it appears that Tartar is all Salt.

Here is to be noted, 1. That you chuse good Tartar, for that is all Salt. 2. That your Nitre be fine, and freed from all its fixt Salt, that it may fly away, and leave the Salt of Tartar pure without mixture. 3. That they be both in fine Powder, that the Nitre may pierce the Particles of the Tartar; for which cause sake it is, that we use equal quantities of Nitre and Tartar: For which means also it is the easilier calcin'd. 4. That an earthen glazed Pan will serve well enough, for the Nitre being at liberty hurts not the leading, whereas an unglazed Pan would suddenly break. 5. That if you would have immediately Oil of Tartar, *per deliquium*, it is but casting of this Salt \mathfrak{zj} . into fair water \mathfrak{zj} . and it will all dissolve into Liqueur. 6. That if you mix with the Salt an equal quantity of Sulphur, and calcine again, you may take away the noisom lixiviate taste of the Salt, by which it will become much more pleasant. It is a famous opener of Obstructions, and Diuretic. It breaks and dissolves the Stone, and all other Tartarous Coagulations in the Body, provokes Urine, and the Terms; and is a prevalent thing against Plurisies, and all Obstructions of the Lungs, Stomach, Bowels and Reins, by which it helps Coughs, Asthma's, Consumptions, Cachexia's, Dropsies, &c. Dose à \mathfrak{zj} . ad \mathfrak{ij} . in Broth, Ale, Wine, &c. The

Oil is cleansing and drying, helps Scabs, Tettars, Freckles, &c.

100. *Tinctura Salis Tartari*, Tincture of Salt of Tartar.

Colledge.) Take \mathfrak{m} lb pure Salt of Tartar \mathfrak{zj} . melt it in a Crucible, till it gets a greenish Colour: Then, whilst hot, pulverize it, and put it into a Matras with a long Neck, adding S. V. rectified, so as it may overtop the Salt the breadth of three or four fingers. Digest in a Sand Furnace with a convenient heat, for several days, till the Tincture is extracted.

Salmon.) Here is to be noted, 1. That in the melting, or fusion of the Salt, you ought to make as strong, or stronger heat, than if you were melting Gold, which ought to be continued for 9 or 10 hours: (for which purpose place the Crucible in a Reverberatory upon a Tile) till such time as the Salt is of a red marble Colour. 2. Tartariz'd S. V. is best, *viz.* such as has been distilled from Salt of Tartar, by which means you may be sure that it is well deflegmated. 3. Stop the Matras with another to make a double Vessel, luting the Juncture close with a wet Bladder. 4. Let the Sand-heat be at first gradual, increasing the fire, that the S. V. may boil near half a day, that thereby it may assume a red Colour. 5. The Tincture being perfect, decant it, it is fragrant, and must be kept close stoppt. 6. On the remaining Tartar put more S. V. rectified, and proceed, as before, so long as it will yield any Tincture. 7. That though the Calcination of the Salt

till

all its bluish, is said by some to be enough to make it yield its Tincture, yet that yields but a faint one, nothing near to the deepness, beauty, and excellency of that which is drawn from the melted Salt, as aforesaid, which is of a deep red, like Claret-wine. 8. You must be sure that the S. V. be well rectified; for if there be but the least Phlegm in it, you will never attain the Tincture with it. 9. That this Tincture is nothing but a pure Exaltation and Mixture of Salt of Tartar with S. V. for if you make a Separation by Distillation, you will have only a colourless Spirit, and at bottom a Salt of Tartar, with its natural whiteness; which shews the colour only proceeds from the excellent mixture of the body of Salt with the S. V. and not from any Sulphurous Tincture exalted as some have thought. This Tincture is a most powerful appetitive and deopplative, working all its effects powerfully, yet with a world of sweetness and pleasure; it opens all the obstructions in the Head, Lungs, Stomach, Liver, Spleen, Mesentery, Pancreas, Bowels, Reins, Bladder, Womb, and mesaraic Veins. It helps the stagnation of the Blood, and dissolves all the most tenacious Viscosities wheresoever in any part of the Body. It provokes Stools, Urine, and the Terms: breaks, dissolves and expels the Stone, purifies the whole mass of Blood, relits the malignity of Humors, cures the Scurvy, Dropsie, and Sout; and takes away all manner of filth, so that no sope can cleanse more. It is excellent against Melancholy, the Green Sickness in

Virgins, Rickets, Kings evil, Poyson, Plague, pettilential Fevers, and all Diseases of what kind soever: inasmuch that there is scarcely the like general Remedy in the whole Art of Chymistry. Dose à gut x. ad xx. in pure Rhenish Wine or Canary, as the case most requires.

101. *Spiritus Tartari Philosophicus*, Philosophic Spirit of Tartar.

Rx. Salt of Tartar, which reverberate 24 hours, upon a Refiners Test, (but melt is not, and the Salt will be blue: add distilled Vinegar three inches above it, digest till the Vinegar is very red, then filter and coagulate: do this four times with fresh distilled Vinegar: mix these four Salts with rectified S. V. extract a Tincture till it ceases to be coloured: dissolve the Salt remaining in distilled Vinegar, extract the Tincture, with S. V. gather all these Tinctures and distil them in B. M. in a Still with an Alembic and a Funnel: pour in again the S. V. distilled at the Funnel, to the tintured Salt, and cohobate 15 or 16 times, till you see red drops fall: then cease and distil the Liquor gently by a Retort in Sand: so have you the Spirit of Salt of Tartar, cloudy with red drops, and a red powder at bottom.

This Spirit has the virtues of the former Tincture, besides which it cures Quartans, and powerfully provokes the Terms being stopped, at three or four times being taken. Dose gut. iv. or vj. in wine. This Spirit will dissolve Gold.

102. *Lapis Infernalis*, five Septicus, The Hell-Stone, or Cantharic.

Colledge.) Take Tartar calcin'd to whiteness, Quicklime, 3℥℥. Vi-

triel calcined to redness ʒij. Sal Armoniac ʒi. all of them being beaten, sprinkle with Lye made of fig-tree-wood, or spurge, or sops; strain it often, till all the matter be nearly dissolved: Boil it in a brass vessel, to the consumption of the humidity, that which is left, keep in a glass well stopp'd for use. Or thus, Take the Lye of which black sops is made, and boil it to a stone in a frying-pan: do not evaporate all the humidity; when it is cold cut it into the form of dice, and keep it in a glass close stopp'd.

Salmon) It has its Name from its burning property, and may very well supply the place of the silver Caustic, Chap. 2. Sect. 20. of this Book. It is intended to make Issues with, by eating into the skin, (being applied with a defensative) thereby making a way for a Pus.

There are many other Preparations of Tartar, which you may see more at large in lib. 1. cap. 8. sect. 37. of this Dispensatory.

C A P. XII.

Of S U L P H U R S.

Mineral Sulphurs are of Five special Kinds, viz.

I. Sulphur, Cibur, Akibosh, Abusal, Ὠϊον, Brimstone.

II. Arsenicum, Auripigmentum, Risgalum, Sandaracha, Ἀρσενικόν, Ἀρρενικόν. Arsnic, or Rats-bane; it is also called Orpiment.

III. Ambragrisea, Ambara, Ambarum, Ἀμβρα λαμπρῆς, Ambergrise.

IV. Succinum, Carabe, Electrum, Glessum, Resina Terra, Ἠλεκτρον, Amber.

V. Bitumen, serum Terra, Ἀσφαλτον, Bitumen. Which last is seven-fold, viz.

I. Asphaltos, Ἀσφαλτον, Bitumen, specially so called.

2. Naphtha, Medea Oleum, Νάφθα, Naphth.

3. Petroleum, Oleum Petrae, Oleum Saxceum, Oil of Peter, Rock Oil.

4. Terroleum, Oleum Terra, Oil of the Earth.

5. Carbo Petrae, Carbo Fossilus, Ἀνθράκωσις, Sea-Coal, Newcastle Coal.

6. Gagates, Obsidianus, Thoracius, Jet, some call it Black Amber.

7. Sperma Ceti, Flos Maris, Ambra Subalbida, Ἀλδὸς αἰνίου, Sperma Ceti.

All which we shall (God willing) treat of in Order.

I. Of SULPHUR.

1. Of Sulphur Vive.

Sulphur is a Resinous fatness of the Earth, full of a Vitriolick Acidity, being grey or greenish, inflammable, with a blew and suffocating fume.

It is either natural or Artificial:

The natural is dug out of the Earth, solid, flakey, and of a greyish green colour, called *Sulphur vive*. The Artificial, is made of *Sulphur vive*, being porous and yellow, or boyled out of Sulphurous Water: The fæces of either of which is the *Sulphur caballine* or Horse-brimstone, left from the coction of the Artificial, mixed with scales of Iron. Besides these there are other Artificial Sulphurs, drawn out of Copper, Cinnaber and Vitriol, which as it is rarer and dearer, so it is the better. For in Chimnies where Vitriol is commonly boyled, you may find flowers of Sulphur elevated. All Sulphur of Brimstone is hot and dry, aperitive, cutting, disconvulsive, sudorifick, alexipharmick, anodyne and analeptick. It resists putrefaction, restores in Consumptions, cures Coughs, Colds, Asthma's, Ptsicks, spitting Blood, Plagues, Small-Pox, and all sorts of Feavers. It kills Worms, dissolves Tumors, and cures the Itch.

2. Flores Sulphuris, Flowers of Sulphur.

Colledge.) Take Sulphur in gross powder lbj. put it into a glass Cucurbit well luted and placed in sand, to which fit a glass Alembick: sublime first with a gentle fire, afterwards with a stronger. The flowers which are elevated into the head, with a Hares-foot sweep together, and gather.

Salmon.) 1. In the old Dispen-

satory it was ordered to be done in an earthen Still (and that might serve well enough) mixt with equal parts of Colcothar of Vitriol.

2. Some use but half the Quantity of other matter, and that sometimes powder of Bricks, sealed Earth or Bole. 3. The Glass Alembick must not be luted to the Still, that the Flowers may be taken out, and it put on again. 4. When you take off the head, stop the orifice of the Still close, lest the air get in and fire it.

5. If by chance it should fire, you must extinguish it with Ashes or Bran. 6. Put a Receiver to the beak of the Alembick to take the acid Liquor which comes first, then stop it. 7. That this work may be done in a little reverberatory Furnace, the body of the Cucurbit not being above half sunk into it; a great Reverberatory would not be so fit, because the melted Sulphur is easily sublimed. 8. That yellow Sulphur is here used, because it is the purest, separated from its mineral Earth, and yields more and fairer Flowers. 9. That Flowers of Sulphur is nothing but Brimstone separated from all its impurities, and converted into an impalpable powder. The Flowers are a good pectoral and aperitive, and more exalted in Virtue than crude Brimstone, having all those Virtues, at Sect. 1. but they ought to be used after general Remedies, for being of so drying a quality, they may prove very unhappy to such as are dried up with Feavers, or other dry Constitutions.

Outwardly they are excellent against Scabs, Itch, Tettars and

such like. Dose ʒ ℥ss. ad ʒss.

3. *Flos Sulphuris Corallatus* Flowers of Sulphur corallated.

R. Flowers of Sulphur ʒviii. Coral in powder ℥ij. mix and sublime (by Sect. 2.) so will the Sulphur draw the first part of the Coral.

These Flowers have the Virtues of the former, joyned with the properties of Coral, being a great pectoral, and making a better Balsam for the Lungs.

4. *Flores Sulphuris saccharati*, sugared flowers of Sulphur.

Take flowers of Sulphur ʒiv. sugar-candy in powder ʒvii. mix and sublime.

These are very excellent in Coughs, Colds, Phthisicks, Asthma's, &c. and as *Quercetanus* thinks much better than any other. Give ʒgr. x. ad ʒj.

5. *Flores Sulphuris Vitriolati*, Flowers of Sulphur vitriolated.

Take yellow Brimstone ℥ij. Salt melted, Vitriol calcined, A. ℥ij. powder and sublime, for the first 3 or 4 hours with a gentle fire, so will the fumes come forth; then increase the fire gradatim with great Coals (but not making it too great for then the flowers will be black,) so great as that the Vessel which holds the sand may be red hot: this work repeat often with Salt and vitriol; so will the flowers be the purer, though less in quantity.

Some instead of calcin'd Vitriol, use the Sulphur of Vitriol: *Quercetanus* takes Colcothar. These have the Virtues of the simple flowers, besides which they resist putrefaction, are pectoral, Antiepileptick, Alexipharmick, Sudorifick and Analeptick: They are good against the Plague, Con-

sumptions, Coughs, Colds, Asthma's, &c. You may give them with Extract of Elecampane ʒ ʒj.

6. *Flores Sulphuris albi*, White Flowers of Sulphur.

Take of yellow Sulphur ℥ij. fixed Niter or Lapid Prunelle ℥ss. mix and sublime in sand.

These are excellent against Coughs, Colds, stoppages of the Breast and Lungs, Colick, Catarrhs, &c. drying like fire; the dose is the same with the common flowers: They expel Wind in the Stomach and Guts, cure Consumptions, and cause expectoration: give them in Canary or the yolk of an Egg.

7. *Flores Sulphuris cum Gummi*, Flowers of Sulphur with Gums.

R. Vitriolated flowers of Sulphur ℥ij. Colcothar, Salt melted, A ʒxi. Myrrh, Aloes, Frankincense, Mastick A ʒ. j. Saffron ʒj. being all in powder. mix and sublime with a gentle fire: a few hours being past take out the flowers, and lay on the Alembick again, then sublime twelve hours.

Besides the Virtues of the simple flowers at Sect. 2. these have the Virtues of the Gums, being much better, more drying and greater resisters of Putrefaction. Dose ʒ gr. x. ad ʒj. or more.

8. *Lac Sulphuris Quercetani*, *Quercetanus* Milk of Sulphur.

R. Flowers of Sulphur ʒvj. Salt Regale ʒxviii. put so much water to the Salt as will dissolve it, and overtop it six inches: put all into a wide mouthed glass in sand, so large that it may not be much above half full: boyl, to dissolve the flower,

ers, stirring them with a wooden Spatula, till the solution is red: filter whilst hot, and with sharp wine, or Spirit of Vinegar, precipitate the milk, which edulcorate with water and dry.

Here is to be noted, 1. That this Magistracy or milk of Sulphur is made by some Authors with flowers of Sulphur, p. j. Common Salt decrepitated, p. iv. powdered and well mixt, made into a Pap with distilled Vinegar, and so cast into boyling water, being six times the weight of the Salt; adding a little Roch Allum, and boyling of it till it becomes of a redish colour (which will be in about half an hours time) then let it cool, the milk will precipitate white, which edulcorate as before. 2. That this is only the body of brimstone opened and whitened. 3. That because Brimstone yields its Tincture only in oily Bodies, we here use the Oyl or Tartar: In water it will never dissolve. 4. That common Salt and Vinegar also hasten the Dissolution of the Sulphur: but the first way, or general precept is the better. 6. This is dedicated to the Lungs, and is as powerful in 15 grains, as the simple flowers of Sulphur are in gr. xxx. This Milk is a great dryer, excellent good in moist Ulcers, and better than the flowers to make the Balsam of Sulphur with: It heals all Ulcers of the Lungs, stops Catharrhs, helps Expectoration, and dries up superfluous humors; It cures Coughs, Asthma's, Consumptions, and Cholick, expels wind out of the Bowels, and is as fire to dry up the Lungs. Dose \dot{a} gr. xv. ad 3j. Quercetanus gives 3j. for a Purge. Out-

wardly mixt with Pomatum, it cures Scabs and Itch pleasantly; for the Brimstone has not only a singular whiteness, but has lost all its ill smell and stinking property.

9. *Lac Sulphuris Clossai*, Milk of Sulphur of Clossæus.

Take powder of Sulphur p. i. Quick-lime p. ij. boyl them in an Iron Kettle, in a pretty large quantity of water, till it is red as blood: whilst hot, strain it: then, being cold, precipitate with hot piss; decant the humidity, and sweeten the precipitate by washing it ten or twelve times in hot water.

It dries, binds, strengthens, is good against Plague, Poyson, malignant Fevers, stops all Fluxes of the Belly, Womb or Yard, dries up moist Ulcers. Dose \dot{a} ʒs. ad 3s.

13. *Balsamum Sulphuris Simplex*, Simple Balsam of Sulphur.

It is made (in an hour or less) by taking to one part of flowers of Sulphur four or five times as much good Oyl Olive, Oyl of Ben. or Poppy seeds expressed, and boyling of them in an Earthen Vessel (so big, as that they may but half fill it) till they are perfectly dissolved into a blood red Balsam: let the fire be pretty quick, yet not too quick, and continually stir it all the while it is making, and till it is cold.

It is excellent in Coughs, Colds, Asthma's, pains of the side, Obstructions of the Spleen, spitting blood, Ulcers of the Lungs, Pulses, Convulsions, Gouts, Struma's, Consumptions, being inwardly and outwardly used. Dose \dot{a} gut. iv. ad xx.

11. *Balsamum Sulphuris Compositum*, compound Balsam of Sulphur.

Rx. Flowers of Sulphur ℥vj. strong Lixivium of highly calcin'd Salt of Tartar ℔ij. boyl them so long till the Salt has drawn forth the Tincture of the Sulphur blood red: precipitate with some acid Liquors; which gather, and with Canary, ℔ij. in which juice of Liquorice ℥iv. is dissolved, boyl it into a Syrup or Balsam for the Lungs.

This is a transcendent Medicine in all Diseases of the Lungs: It heals Ulcers, stops Coughs, smoothes the roughness of the Wind-pipe, helps Asthma's, Consumptions, and all other impediments of the middle Ventricle; in a word, it is an universal Deobstructor, whose Vertues are not here to be enumerated. Dose a spoonful, Morning and Evening.

12. *Rubinus Sulphuris*, seu *Balsamum Sulphuris Terebinthinatum*, The Rubin or Balsam of Turpentine.

Rx. Flowers of Sulphur Simple or Vitriolated ℥iv. Spirit of Turpentine ℥viij. digest in a glass body, till the Sulphur is dissolved, and the Spirit be red: then decant and keep it for use. If you will separate the Spirit, add water and distil; so will the Spirit come forth with the water, and the Balsam remain at the bottom.

It is good in Consumptions, heals Ulcers of the Lungs, Coughs, Asthma's, &c. cures Feavers and the Plague. Dose of it with the dissolvent *ad ℥j.* but separate *à gr. iv. ad viij.*

13. *Balsamum Vita Sulphuris*, Balsam of Life of Sulphur.

Rx. Flowers of Sulphur ℔j. Aloes, Myrrh, Saffron, *&c.* ℥ij. powder

and digest in Spirit of Turpentine, two inches over: then decant and keep it for use.

It has all the Intentions of the former, but much more effectual, and the same Dose.

14. *Balsamum Sulphuris Anisatum*, Balsam of Sulphur with Aniseeds.

Rx. Flowers of Sulphur ℥i. Oyl of Aniseeds ℥vj. mix, and in a glass body digest and calculate so long, till the Oyl has perfectly extracted the Tincture of the Sulphur of a glorious red Colour, decant and keep it for use.

Forstius saith, it is a most perfect Balsam, heating, drying, and preserving from putrefaction; in which are all the Virtues of the Natural Balsam, and the greatest Conservative Power. In Catarrhs, Coughs, Asthma's, Ptsick, Plurisie, Cholick, Plague, Fevers, Epidemick Diseases, Epilepsies, French-Pox, and in all Apostumations and Putrefactions of the body: It as a wonderful remedy. Dose *à gut. iij. ad vj. vel viij* in some Specificke Vehicle.

15. *Balsamum Sulphuris Rulandi*, Rulandus his Balsam of Sulphur.

Rx. Fine Flowers of Sulphur or pure Sulphur in powder ℥iij. Oyl of Rape-seed, or Nuts, or Ben. ℔jts. Sack ℥vj. Macerate them ten days in a gentle heat, stirring of them several times: then boyle to the consumption of the Wine, Strain, and keep it for use.

It is an excellent Anodyne, a ripener, and digestive in Wounds of the nervous parts; and performs all that the Simple Balsam can do: It eases pains in the Ears, if dropt into them. Where note, that in this and the *Rubine*

of Sulphur, and other Balsams thereof, that the oleaginous matter draws little more than the Tincture of the Sulphur: for when the operation is ended, and the brimstone which falls down to the bottom in the cooling of the Balsam, is taken and weighed, it is nearly as heavy as it was when first put in.

16. *Tinctura Sulphuris*, Tincture of Sulphur.

Rx. The R. bines (at Sect. 12.) separated from the spirit, to which add S. V. digest in B. M. in a very gentle heat, then decant, and keep it for use.

The Virtues are the same as the Balsam, more pleasing to the Palat and Stomach: Dose gut. iij. or iv. where note, that S. V. well deflegmated, will draw a yellow tincture from crude brimstone.

17. *Tinctura Sulphuris Clossæi*, Tincture of Sulphur of Clossæus.

Rx. Sulphur ℥iv . Nitre ℔j . powder and mix: and with a spoon, lay it upon a red hot tile: augment the fire till the noise ceases, and it becomes a red Mass: powder it, and with S. V. with Tartar extract a Tincture. Or thus: In a strong solution of Nitre in water ℔iv . boil powder of Sulphur, ℔j . for four and twenty hours, filter the red tincture; and precipitate with Vinegar, in which the Caput Mort. of Virriol has been boiled; so have you a scarlet coloured powder, from which with S. V. extract a Tincture.

This Tincture opens all Obstructions of the Stomach, Lungs, Liver and Spleen. It cures the Cachexia, Green-sickness, Scurvy, Plague, and all other Fevers. Dose gut. vj.

18. *Crystallus Sulphuris*, Crystals of Sulphur.

Rx. The Tincture (at Sect. 16.) abstract two third parts of the S. V. then place it in a Celler to crystallize; dissolve the crystals in fresh spirit of sulphur, and coagulate to make them steeves.

They have the Virtues of the former Tinctures, and are much more powerful: you may give to gr. iv. in a convenient Vehicle.

19 *Essentia Sulphuris*, Essence of Sulphur.

Dissolve Sulphur vive in common A. F. and abstract to dryness: edulcorate and reverberate to a deep redness: put this powder into S. V. and extract a Tincture. Digest this Tincture, till the Essence of Sulphur separates itself from the S. V. and falls to the bottom.

It heals, dries, dissolves, strengthens, resists Poyson and Putrefaction, and preserves from all sorts of Infection, which is conveyed by the Air. Dose gut. vj. It is good against the Plague, and wonderful Balsamical: It cures all Sores, both old and new, even to admiration. Esteem it a Secret.

23. *Ens Primum Sulphuris*, The Fumes of Sulphur.

It is made of Sulphur in a tubulated Retort, as Spiritus Stibij at Sect. 99. of c. 8. of this Book. If well drawn, it is as strong to smell to, as is the Spirit of Sal Armoniac: give a little vent in the making, lest you labour in vain.

It is of the same use with the flowers: it is excellent in the Plague, Fevers, Fits of the Mother, Epilepsie, Apoplexy, Palsie, Cholick, Coughs, Cold, and other Obstructions and Diseases of the Lungs: It has also the virtues of the Oil, in the following

Section, but not altogether so powerful: Dose a Spoonful.

21. *Oleum Sulphuris per Campanum*, Oil of Sulphur made by the bell.

Colledge.) It is prepared in a large Bell Still by the burning and consuming of a large quantity of Sulphur, by which a sharp Spirit flying from the kindled Sulphur, beating against the sides of the Still, will turn into Liquor and flow down like Water or Oil. The way and manner of ordering the Still and Brimstone, and other things belonging to this Operation, we leave to the Ingenuity of the Artificer.

Simon.) Here is to be noted,

1. That the Brimstone be put into an earthen Cup having Sand in it, lest being inflamed it should break it. 2. That this be placed upon another earthen Cup, the bottom turned upwards; and the one thus disposed be set in the midst of a great earthen Pan, then with a red hot Iron inflame the Sulphur. 3. That these be all covered with a great Glass Bell, or Glass Funnel made on purpose, with a neck as long as that of a bolt head, having a hole at top to give breathing, that the fumes may fly away, by which means you will have a far greater quantity, and more effectual Oil, and in much less time. 4. That it be done in a close moist place, (as a Cellar) and in a moist day. 5. That you leave an empty space between the brims of the bell and the pan, that there may be air enough to keep the brimstone inflamed. 6. That by reason the Bell or Funnel has a hole at top, the more phlegmatic part evaporates, while the acid Spirits not being able to rise

so high, condense against the sides of the Glass. 7. That this Spirit is nothing but a Spirit of Vitriol, drawn from a Vitriolic Salt in the Sulphur. 8. That if you please, your Bell or Funnel may have a nose or beak like the head of a cold Still, that the condensed Fumes may drop through the said beak into a Glass Receiver, and not into the large earthen Pan underneath. 9. That from lbs. of Sulphur, you will have ℥i. of Spirit.

It has Spirit of Vitriol, and has the same Virtues; it cures all pains of the Gout, and that only by bathing; (mixing of it with water, or S. V.) it strengthens the nerves and muscles, and cures a confirmed Leprosie. It cures Hectics, Consumptions, Asthma's, Shortness of Breath, and Ulcers of the Lungs. It makes the Teeth white, restores radical Moisture, extinguishes all preternatural Heat, purifies the Blood, and renovates the whole Body, expelling Putrefaction, Scabs and Itch. In the French Pox it is excellent, and may serve instead of a Diet. There is nothing more powerful in expelling of Poyson, Plague, and all pestilent and malignant Fevers. Dose ʒ gut. vi. ad xvi. or xx. in Broth, Beer, Ale, Wine, or Cordial Julep. Taken alone it kills.

22. *Oleum Sulphuris per Retortam*, Oil of Sulphur distill'd by Retort.

Rx. Sulphur in Powder, ℥iv. Spirit of Nitre, or of common Salt and Vitriol compound, so much as may cover it four Inches over: distill by a Retort, in Ashes above and below, to dryness. Cohobate six or seven

seven times or more, so will there be left in the Retort above ℥ij. of Oyl, the Spirits added being nothing abated.

It is of the same Nature, Faculty, Virtues and Goodness with the former, without any difference. The Menstruum in this operation seems to be drawn off dry; but there is a caustick Salt, which adheres to the Sulphur, which set in the Air dissolves into Spirit or Oyl; new Spirits increasing every day, which no way differs from that made by the bell.

23. *Oleum Sulphuris Clossæi*, Oyl of Sulphur of Clossæus.

Rx. Powder of Sulphur ℥iv. dissolve it in Spirit of Turpentine in four and twenty hours, in a Sand heat, decant the red Tincture: add more Spirit, digest again, decant, and cast away the feces. Distill these Tinctures in a Great Retort in Sand, till the Spirit is nearly all drawn off, and red drops appear, then change the Recipient, increase the fire gradatim, so have you purple Oyl which stinks egregiously: at last the Retort being red hot, it will be thick and black. Rectifie and separate the Oyl from the remaining Spirit of Turpentine: then digest in a close Glâs in B. M. so will all the stink vanish, and you will have an excellent Oyl or Balsam.

It is an excellent Traumatick and Vulnerary; helps Coughs, Colds, Asthma's, Phthisick, Ulcers of the Lungs, Empyema, Catarrhs, Consumptions, Plague, Cholick, stoppage of Urine, Pains of the Sides and Spleen, Fits of the Mother, &c. give gut.

iii. or iv. in Syrup of Coral, or Liquorice.

24. *Oleum Sulphuris Rubrum*, Red Oyl of Sulphur.

Rx. Sulphur vivæ ℔ij. Quick-lime ℔ij. mix and force the Oyl through a Retort.

It is intended for the cure of old Sores, Putrefied Ulcers, Fistula's, &c. and is of excellent use (in a convenient mixture to ripen and break Pestilential and Venereal Buboës.

25. *Oleum Balsami Sulphuris*, Oyl of the Balsam of Sulphur.

Rx. Of the Rubin of Sulphur (see sect 12.) ℥ij. Decapitated Sale ℥viii. mix, and force the Oyl through a Retort.

It is only a purified Balsam of Sulphur, but more powerful and pleasant than the Rubine, having the same Virtues. Dose a gut. iiij ad vj.

26. *Oleum Sulphuris Aureum*, Golden Oyl of Sulphur.

Rx. Sulphur often melted and cast into water ℔ij. pumex stone in powder ℔ls. mix and distil all by a Retort with a gentle fire only above, and on the sides; at last increase the fire, and you have an Oyl yellow like Gold.

It opens all Obstructions of the Breast and Lungs, cures Cachexia's, Green-sickness, and is a good preservative in Pestilential times. Dose a gut. iiij. ad vj.

27. *Aqua Sulphuris Acida*, Flegm of Sulphur.

It is made in the subliming of the flower of Sulphur.

It has the Virtues of the Spirit, but is much weaker.

28. *Spiritus Sulphuris Vulnera-*

rum,

rius, Vulnerary Spirit of Sulphur.

Rx. Pure Oyl of Sulphur ℥i. rectified SV. ℔ij. mix and digest to sweetness.

It cures Coughs, Asthma's, Ulcers of the Lungs, Spitting blood, and all external wounds (being first cleansed with SV.) at once dressing: It also eases most external pains by bathing. Dose inwardly, in any convenient Liquor one Spoonful.

29. *Sal Sulphuris*, Salt of Sulphur.

It is made of *Caput Mort.* of the Bell Spirit reverberated white after the usual way.

This Salt is but little in quantity, being generally given to kill worms.

30. *Sal Nitratum Sulphuris*, seu *Sal Antisebrile*, Nitrated Salt of Sulphur.

Rx. Flowers of Sulphur ℥iv. pure fine Niter ℥viij. powder them very fine apart, then mix: fire this mixture by degrees in an earthen Cup set in a stone Pan, in which is Spirit of Wine lib. j. over which place a Bell, as in the distillation of Oyl of Sulphur per campanum: take the faces of the calcin'd brimstone, reduce them to powder, and with the flowers mingle them with the Spirit of Urine impregnated with the Spirits of Niter and Sulphur, digest all twelve hours in the said stone pot viz. till they are dissolved; filter the solution, and abstract in a shore necked bolt head, in a Circular fire, till a white scum arises: then abate the fire, and evaporate gently till it be of a milkie colour, and cease making a noise or boiling; but beware that by the too much boiling you break not the Vessel. Lastly, whilst

hot put this matter into a stone pan or white ware dish, and cooling, it will congeal like Crystal, white as Alabaster, and brittle as Glass.

Where note, 1. That in the first flagration, the Cups which hold the powder, will infallibly break, because not defended from the Violence of the Niter: before the next flagration, put the ashes of the former (in powder) into a new earthen Cup, and that will keep the next Cup from breaking, then put a spoonful of the matter into the Cup, and fire it, observing all the circumstances of the operation, continuing thus to fire it by spoonfuls, till all the Sulphur and Niter is consumed. 2. That the Vapours ascending, turn partly into Spirit, partly into Flowers: of which, part stick to the sides of the Bell, part to the sides of the pan, and part from a thin Skin upon the Spirit of Urine. 3. That upon every new flagration you break the thin Skin upon the Spirit of Urine, that the Spirit may be impregnated with the following Spirits of Niter and Sulphur. 4. Let the Matress or bolt head be so big, as that your Spirits and dissolution may not fill it above three quarters full, lest they should boyl over or break the Glas. 5. That by this way, in the Calx of the brimstone, there is but few faces, and much fixed Salt. 6. That the Spirit of Urine, not only preserves the other Spirits from being lost, but also augments the Virtues of our Medicine. 7. That this Medicine is nothing but brimstone Calcin'd with Niter, and impregnated

ated with the Spirits of Nitre and Sulphur.

It is an excellent Diuretic, and a great cooler. It purifies the blood, resists corruption, cures all sorts of Fevers, whether continual or intermitting, expels Gravel out of the Reins and Bladder, cures Gonorrhæa's, Whites, &c. The Dose is from ℥ss. ad ℥ss. in Syrup, Water, or any convenient Vehicle, purgative Bolus, &c.

31. *Hedycrum Sulphuris*, the Perfume of Sulphur.

Dissolve Sulphur in Oil of Flints, Crystal or Sand, by boiling, coagulate the Solution into a red mass, put thereupon Spirit of Urine, and digest till the Spirit is tinged: pour it off, and put on more, till all the Tincture is extracted: put all the Tinctures together, and evaporate the Spirit of Urine in B.M. and there will remain a blood red liquor at bottom; upon which put S.V. and you shall extract a very pure Tincture, smelling like Garlick: digest it a month, and it will smell like Balm; digest it a while longer, and it will smell like Musk or Ambergris.

Besides, being a great Perfume, it is an excellent Cordial, Sudorific, and Antifebrile. For the Oil of Flints, see my *Polygrap. lib. 3. cap. 20. sect. 57.*

32. *Sal Polychrestum*, Salt af many virtues.

Rx. Sulphur, Nitre, ana, ponder each a part, and mix them: put it into a large Crucible heated red hot beforehand by a spoonful at a time: when the Flame is over, cast in more, continuing thus till you have done; after which keep the Crucible and matter in it in a red hot heat for four or five hours: then

cast it into a brass Basin heated very hot by the fire, where let it cool. Being cold powder it, and dissolve in Spring water, filterate, and abstract to dryness.

It is a pure Salt, and of great virtues: It purges watery humors by stool, and sometimes by urine: It opens all Obstructions, cures continual Fevers and Agues, chiefly Tertians: It is given ʒss. ad ʒij. in a pint or quart of water, to be drunk in a morning like mineral Waters; some will venture to give it ad ʒvj. in a pint or quart of Water, but then it purges strongly: It is best given with some mixture which may correct it.

II. Of ARSENIC

33. *Of crudo or unprepared Arsenic or Rats-bane.*

It is a Mineral coagulated juice, or fat made of combustible Sulphur, and corrosive Salts, being Natural or Artificial: the Natural is either Yellow or Red: The Yellow is called *Auripigmentum* and *Orpiment*: The Red is called *Risgalum*, *Realgal*, and *Sandaracha*: The Artificial is *White*, and is made of the Yellow, sublimed with Salt, of each equal Quantities; and this is that which is properly called *Arsenic*; which being pure, hard, heavy and white, like Milk or Crystal, is good: Unprepared, it is one of the greatest Poysons, and a perfect Enemy to the Balsam of Life, causing Heat, Thirst, Torment, Corrosion, Vomiting, Palpitation, Cold Sweats, intolerable burning Pains, Convulsions, and Death.

death. *Outwardly*, it is used in Amulets and Cauteries with good success: it eats away proud and dead flesh, takes off hair; and the powder of it laid upon Corns, with a defensive of *Diapalma* about it, eats them to the roots without any pain: But for my part, I do not much like it. *Inwardly*, it cannot be taken till it is made sweet, and the Malignant Sulphur separated by Sublimation, Fixation, and Liquefaction. The *White* is most used in Physick, being milder than the other, by reason of the Salt, which is added in preparing of it; the *Yellow* is seldom used, and the *Red* very seldom, or least of all. If any be poisoned by taking of Arsnick, the only remedy is by taking immediately a pretty strong Lixivium of Sal Regale, or Tartar; for this Salt being dissolved, not only sheaths by its unctuous quality the Acrimony of the Arsnick; but also by its alkalious property, blunts the sharp points of the Coxes of the Acid, and as it were fights with it, till it has mastered it, and fixt it in its own property: for, Volatile things conjoynd, make one fixed, for by striving to enter into each others property, they create a *Coagulum* or fixt matter, which is an unactive or dead thing, (for all fixt things are dead things, or at least, the life is bound up in them and cannot act; Volatile things can only be said to be living:) Thus the Volatile Salts of Tartar, joyned to the Volatile Salt of the Arsnick, fixes it; and so destroys its operation; That the Salt of Tartar is Volatile, we can easily prove, and give a demonstration not to be refused;

which although it is against the general received opinion, we are not afraid to affirm, and may (in due season) give a publick manifestation of it to the World. From hence it appears also that Salt of Tartar is an Alexipharmick or Counter-Poyson: for where two opposite Volatiles meet, if the one be a Poyson, the other must be an Antidote, and that which is the stronger carries the day. But to return to our purpose: in case of Poyson, give the Lixivium strong, and often, or in good quantity, that the Patient may vomit strongly, which they do by virtue of their Urinous taste of the Tartar. This Medicine may be of force, although the Arsnick has been taken above half an hour: all other Poysons whatsoever, Vegetable, Mineral or Animal, it conquers almost in a minute of an hour.

34. *Spiritus & Butyrum Arsenici*, Spirit and Butter of Arsnick.

Rx. *Arsnick* lbis. \varnothing *sublimata* lbj. distil by a Retort, as in making butter of Antimony: so have you,
1. a thin Spirit, always fuming.
2. a thick Liquor or Butter, which you may either precipitate, or melt per deliquium.

The thin Spirit is a Dissolvent of Iron: and *Clelaus* saith, the Butter is an excellent thing against ulcerated Cancers, being mixt with an equal quantity of *Opium* (to take away the sense of pain) and applied with proper Defensatives. But here is to be noted, 1. That some take equal parts of Arsnick and Sublimate. 2. That the Retort be of Glass. 3. That when the but-

butter is come off, if you remove the Receiver, and put to another filled with water, increasing the fire, the Mercury will fall into the water drop by drop. 4. That the butter of Arsnick is a very strong Caustick, and makes an Escar sooner than that of Antimony.

35. *Regulus Arsenici*, Metal of Arsnick.

Rx. Of Arsnick ℥xij. Niter, Tartar, Calcind by a fire Coal ℥ix. filings of Irons, ℥vi. Charcoal in powder ℥iis. melt all together, in a Crucible; then soake it well, that the *Regulus* may fall: it is finer and purer than that of Antimony. Or thus: Rx. Arsnick ℔j. Salt of Tartar ℔ls. powder each, mix. and incorporate in soft Soap ℔j. put it into a Crucible, cover it with a cover that has a hole through it, put it into a wind furnace, and with a gradual fire melt it, then put it into an Iron Cone, very hot and greased, which knock hard against the ground that the *Regulus* may settle.

This *Regulus* is not so corrosive as Arsnick it self: and some suppose that being sublimed to flowers (after putrefaction with Salts and spirit of Vinegar) that Quicksilver will therewith incorporate.

36. *Arsenicum fixum*, Fixed Arsnick.

Rx. White Arsnick, or Orpiment sublimed; fine Sal Niter, ana. Or thus: Rx. Orpiment, p. j. Niter, p. ij. Or thus: Rx. Arsnick, Niter, Tartar, ana: mix, and cast them by spoonfulls into a Crucible, stirring with a Spatula till it leaves boiling (but beware of the fumes) when all is in, increase the fire for five or six hours, or (as some) a day: then separate the Salt with hot wa-

ter and sweeten, so have you a white fixed powder of Arsnick.

Where note, 1. That Muller calcines it thrice with as much Niter, sweetning every time with water. 2. This may be better done between two luted Crucibles, with a hole in the uppermost, to let out the Smoak. 3. That the same way you may take in fixing of Cadmia, Realgar of Silver, &c. 4. That being put in a Cellar, you may make Oyl of it per deliquium. Of this is prepared the Sudorifick of fixt Orpiment, and the Anodyne Oyl.

37. *Arsenicum Sudorificum*, Sudorifick Arsenick.

Inclide the former powder with Oyl of Tartar per deliquium, three times; then dissolve it in SV. that the Salt may be extracted and separated, and there remains only a white fixed powder.

Both Quercetian and Muller says, that if you give of this powder gr. iij. iv. or v. at a time with Venice Treacle (or Mithredate) that it will sweat powerfully.

38. *Oleum Arsenici Anodynum*, Anodyne Oyl of Arsenick.

It is made of the fixed Arsenick (at Sect. 36.) being melted per deliquium, either alone, or as Basil advises, being mixt with Salt of Tartar. Paracelsus mixes the Oyl per deliquium, melted alone, with a double quantity of Oyl of Myrrb.

It is an excellent thing against all poysoned Wounds Ulcers and Cankers, Pocky boyls, sores and breakings out, Kings-Erils sores, bitings of Mad-Dogs, Fistula's in the Fundament and elsewhere, being dissolved in Plantane, Rose,

or Poppy water, and then the affected place washed therewith.

39. *Cauticus Arsenici*, the Cautic of Arsenic.

R. *Arsenic*, Nitre, ana, ℥ij. Sulphur ℥ss. powder apart, mix and calcine, as we taught at Sect. 36. then being cold, powder it, (but dulcorate it not) then calcine it again in a Crucible covered, with a great fire, for the space of two hours: then cool it, break it into bits, and keep it in a glass close stop.

It is to be used as other Cautics.

40. *Auripigmentum Sublimatum*, Sublimated Orpiment.

R. Orpiment, Salt decripitated, Colcothar, filings of Iron, ana, mix and sublime them by degrees: mix the sublimate with new Salt, Colcothar, and Iron, and sublime as before, which let be often repeated.

This being sublimed is white Arsenic, and is used to make the Regulus of

41. *Arsenicum Dulce*, sweet Arsenic, of *Quercetan*.

R. White Arsenic, sublime it alone: then put it into a Crucible, calcine and melt it for about two hours, or till one third part of the matter is evaporated, for so it is freed from its blackness: then take it out of the Crucible, mix it with scales of brass, and sublime, which repeat twice or thrice, (so will it be freed from its grossest venom): lastly, sublime it two or three times with decripitated Salt from a Matrass in a sand Furnace, and a gradual fire, increasing of it to the third degree: when all is sublimed, cool, and break the Vessel, gathering what which sticks at the top of the Matrass, and casting away that which remains at the bottom.

It is said to be an Antidote against Poyson, and to expel it; even such Poysons, as other Antidotes cannot: *Quercetan* orders it to be given in infusion à gr. v. ad viij. you may know the goodness of it, by its being mixt with Metals, and whitening of them: if the whiteness remains after melting it is good, otherwise the sublimate is not perfect; as for crude Arsenic it makes them black, and infects them with a poysonous Soot or Tincture. If you dissolve the sublimate per deliquium, you have an Oil which takes away proud flesh, and cleanses old Ulcers.

42. *Sublimatum Arsenici Diaphoreticum*, Sweating sublimate of Arsenic.

R. *Arsenic*, sublime thrice in sand per se, always casting away the fine Volatile Powder which sticks in the Still, (which is the malign part) then take the crystal part, and mix it with an equal quantity of flowers of Sulphur, sublime again, so have you the Diaphoretic Rubine of Arsenic.

It is reported to be an excellent Remedy for Diseases of Breast and Lungs obstructed with gross or thick humors: It is sudorific, and expels venomous Diseases by Sweat. Dose à gr. v. ad viij. outwardly, it cures all old Sores, corroding Ulcers, Fistula's, Kings-evil Sores, &c. with much celerity.

III. OF AMBERGRISE.

43. Of crude or unprepared Ambergrise.

It is a marine Sulphur, found at the Sea-shore, chiefly in the Indies, which breaks from Fountains and Caverns of the Sea:

It is either natural or factitious. The natural, which is best, is grey, sweet and smooth, pricked with a needle it sweats out fatness, softens in the heat, and when moist appears black. The factitious or adulterate is a Cheat, being black or whitish, made of a little mixture of Musk and Civet with Storax, Laudanum, and wood of Aloes, and may easily be known by the scent. It is hot and dry, an excellent Corroborative; it is discutient, resolute, alexipharmic, and analeptic; it strengthens the heart and brain, revives and recreates the spirits natural, vital; and animal: Its sweet Sulphur is an excellent Perfume; it is a good preservative against the Plague, and preserves the Spirits from infection; Dose à gr. j. ad iijj.

44. *Essentia Ambragrisea*, Essence of Ambergrise.

Rx. *Ambergrise* ʒij. *Musk* ʒi. *Civet* gr. iv. mix and make all into a powder: put into a small Matras; to which put of highly rectified S. V. ʒviij. seal up the Vessel Hermetically, and digest in Horse-dung, or a very gentle sand heat for 40 days, so will the perfume be almost quite dissolved, and tinge the S. V. of a red Colour, almost like a Rubine: then break the neck of the Matras, and whilst hot, decant the Essence, (for being cold it thickens) and keep it in a glass close stopp'd with a glass stopple. The faeces at bottom may be reserved for sweet powders.

Ambergrise alone has scarcely any smell; but being dissolved, is most odoriferous. This Essence is much stronger than the simple Ambergrise, and may be given à gut, viad xij. in any convenient

Vehicle. One drop of the Essence perfumes for ever what it touches that can imbibe it.

45. *Essentia Ambragrisea Schroderi*, Schroder's Essence of Ambergrise.

Rx. *Ambergrise* p. j. *Oil of sweet Almonds* p. ij. make a paste: digest it some days: then press out the Oil; to which add S. V. distil in sand, so will the Essence of Ambergrise with the S. V. leaving the Oil at bottom; lastly, abstract the S. V. to the thickness of Oil. See our Polygraphices, Lib. 4. Cap. 46. Sect. 4.

Where note, 1. If you add the S. V. first, and then press out, you will get more of the Essence of the Amber. 2. You may wash the faeces with S. V. rectified two or three times, and press them again as often, which you may put to the expressed Oil. 3. You ought to distil in a glass Retort. This Essence has the virtues of the former, and may be given ad gut. iv.

46. *Essentia Ambragrisea composita*, Compound Essence of Ambergrise.

Rx. *Ambergrise* ʒij. *Musk* gr. xvj. *Civet*, *Sugar-candy*, ana gr. viij. powder them, mix and add spirit of Roses that will burn, dry, then moisten again, and do this several times, lastly dry it, beat it in powder, and keep it.

It has the virtues of the former, strengthens all the parts of the body, causes fruitfulness, and helps Conception. Dose à gr. ij. ad iv. in Wine.

47. *Ambræ Moscata Mynsichti*, Mynsicht's Ambergrise with Musk.

Rx. *Pure Ambergrise* ʒi. *Musk* ʒi. broken *Sugar-candy* ʒss. powder and

and moisten with burning spirit of Roses in all respects as the former.

There is no difference between this and the former, but only in the Civet. It warms and dries: *Horslius in Pharm. lib. 17.* saith it comforts and strengthens the brain, and gives relief in all its affects; eases the headach, takes away defluxions from the eyes, comforts cold and aged People, given in Wine à gr. iv. ad viij.

48. *Odoniferum Crollinum*, The Pomander of Crollius.

R. Cloves, Mace, Cinnamon or sweet Cassia Ligna, A. ʒij. Musk ʒls. Civet. Tragacanth dryed, A. ʒij. Gum, Arabick ʒi. make a Muscilage of the Gums with Rose or Orange flower water, with which mix the other things being in powder, joyned with Occident Civet, or Paracelsus his Carbo, then form the mass into little balls. Or thus: R. Storax calamite ʒij. Mastick, Olibanum, Gum Sandarach, A. ʒis. Costus, Spicknard, A. ʒi. Xyloaloes ʒiv. Musk gr. x. Ambergris gr. vj. with Turpentine, make it into Balls. Or thus, R. Labdanum ʒij. Storax Calamite ʒls. Xyloaloes, Nutmegs, Cinnamon, Mace, A. ʒi. Coriander, Cloves, A. ʒij. Benjamin, Mastick, Olibanum, A. ʒij. Musk ʒi. Ambergris ʒls. make a mass.

These are Excellent Perfumes: by their scent they refresh the heart wonderfully, are good against the Apoplexy, Epilepsie, Plague, suffocation of the Womb. Carbo, or Occident Civet of Paracelsus is Mans Dung, digested per se, till it is divested of its stinking fume, and becomes sweet. See Hartman or Crollius. There are other variety of excel-

lent Pomanders, which you may see at large in our Polygraphices, Lib. 4 Cap. 31. Sect. 1, 2, 3, 4.

IV. Of AMBER.

49. *Of Crude or unprepared Amber.*

It is a well-digested Sulphurous Juyc or Rosin of the Earth, cast into the Sea, and there concretioned. It is called Succinum, Karabe, Electrum, Glessum, and Ambra Citrina: before it is hardened, several things, as Flies, Ants, and the like, stick to it, and are there buried. There are several sorts of Amber as white, yellow, pale and black spotted: The shops know but two sorts, the white and the yellow: The white is best, being the more digested, and pure, burning sweet: Then the yellow, which is clear, and sweetest when in powder: you may make it white thus. R. Yellow Amber lbs. put it into a strong earthen Still, to which put Sal Gem, Bay Salt, or Common Salt lbs. with rain water enough to dissolve it, and something more, fit to a blind head at the top, but lute it not; let it boyl a while, putting in more water if it wants, then let it stand 20 days in a gentle heat, or till it is white. Amber whether white or yellow, is hot and dry. Binding, Cephalick, Cardiack, Hysserick and Analeptick: It stops Catarrhs, cures Epilepsies, Apoplexies, Lethargies, Megrim, the suffocation and inflammation of the Womb, stops all Fluxes both of Blood and Seed, the Gonorrhæa and Whites. Dose à ʒi. ad ʒi. Some wear it

as an Amulet against the Quinsy, Catarrh and Plague.

50. *Succinum praparatum*, prepared Amber.

It is done by *Lævigating it with water*.

The Vertues are the same with the former. *Quercetan* burns S.V. of it 3 or 4 times.

51. *Spiritus Succini*, Spirit of Amber.

It is drawn in the distillation of the Oyl (as we shall teach Lib. 4. Cap. 3.) first you have a flegm, then a Spirit and Oyl, which separate thus: Put the Spirit and Oyl into a Glass Alembick, to which put some hot water, fit to it a Receiver, luting well the juncture, first make a small fire, which increase by degrees, so will the water and Spirit ascend, carrying with them a little white Oyl: continue the fire till no more Spirit arises, the thick Oyl remaining at bottom: the Spirit you may part from the white Oyl, which swims on the top, by a separating Funnel: The water and Spirit yet remain mixed, which you must separate by evaporation of about half, or two thirds of the moisture; what remains is the Spirit of Amber.

Here is to be noted. 1. That Spirit of Amber is only the dissolution of its Effential Salt. 2. That this Salt is Acid, and therefore it ascends not with the flegm in the Evaporation. 3. That two thirds of the humidity being evaporated, the remainder being set in a cool place, that acid Salt will Crystallize. 4. That therefore it is best to preserve the Spirit with the Flegm, without evaporation, the Crystals not being so easie to be preserved, The Spirit is a great opener of Ob-

structions, cures the Scurvy, Green-sickness, Jaundice, Stoppage of Urine, Ulcers in the neck of the Bladder, &c. Dose à gut. x. ad xxx. in Wine. The white Oyl cures Hyfterical Fits, Palsie, Convulsions, Apoplexy and Falling-sickness. Dose à gut. ij. ad vj. in Wine or Broth.

52. *Olum Succini Album*, White Oyl of Amber.

R. Amber *lævigated*, mix it with elixirated Ashes of Tartar, then distil with so gentle a fire, as that one drop will scarcely fall in a quarter of an hour: continue the distillation, till the drops turn yellow; then remove the Receiver, so have you a subtil Spirit, and most piercing white Oyl, which separate as before.

Both Spirit and Oyl have the Vertues of the former. But here is to be noted, that putting to a new Receiver, and continuing the distillation, you may have a thick yellow Oyl, which you may rectifie, by putting it with Vinegar upon the *Caput Mortuum*, and distill again, so will you have first an Oyl clear like water; then a yellow Oyl. A Retort of Glass will be best in this case.

53. *Magisterium Succini*, Magistery or Precipitate of Amber.

R. Amber *lævigated*, dissolve it in S. V. then decant and abstract in B. M. or precipitate with water. Or thus: R. Powder of Amber, a little parched or dried, dissolve it in Spirit of Vinegar, decant and precipitate with Spirit of Sulphur.

These Magisteries are the pure and refinous part, separated from the more impure and terrene; and therefore have not only the Vir-

tues of Amber simply considered, but all those vertues stronger, and more highly exalted: where note that *Paracelsus* circulates the powder of Amber with S.V. digests in Ashes for a week; then abstracts and cohobates, till an Oil appears at the bottom.

54. *Diaphoreticum Succini*, The sweating precipitate of Amber.

Rx. *Levigated Amber*, to which put Spirit of Vinegar four Inches above it; digest and burn in Sand for three or four days, till it is red, adding new Spirit as it evaporates, then filterate and abstract thrice; then precipitate with Spirit of Vitriol, or Juice of Citrons.

It sweats powerfully, is eminent against the Measles, Small-Pox, Spotted Fever, Plague, Pleurisie, palpitation of the Heart, sounding Fits, and other malign Diseases. Dose à gr. vj. ad xij.

V. OF BITUMEN.

Bitumen is properly Oil, or Fat of the Earth embodied, and is (as we have before declared) sevenfold: viz. 1. *Asphaltum*. 2. *Naphtha*. 3. *Petroleum*. 4. *Terrolæum*. 5. *Carbo Petre*. 6. *Gagates*. 7. *Sperma Ceti*.

55. *Of Asphaltos, or Bitumen*, properly so called.

It is either Native or Factitious: The Native is of the nature of Sulphur, being the Fat or Resin of the Earth, black as Pitch, and hard: It dissolves, contracts, glutinates, and binds: being drunk, it dissolves clotted blood, and provokes the Terms: outwardly it helps Scabs, Itch, Tetters, Leprosies, Spots in the Eyes, and Gout. It mollifies and warms the Nerves, and glews them to-

gether if cut. The Jewish, which shines like Purple, is heavy, and of a strong smell, is the best; then the *Babylonian*: the black is naught. The Factitious is adulterated with Pitch, and called *Pisaspaltos*, which see *Lib. I. Chap. 8. Sect. 53.* used by the Shops instead of the true. You may make an Oil of Bitumen, as of Amber.

56. *The Vertues and Use of Naphtha.*

It is liquid, and burns violently, being the straining of the *Babylonian* Bitumen, white in colour, and of an exceeding strong scent; but there is some which is black also. It has all the vertues of *Asphaltos*, and much more powerful to the intention, as being the more pure part thereof. It helps Fits, being only smelled to, applied, or suffumigated: Drunk with Wine or Castor it provokes the Terms, cures old Coughs, and Shortness of Breath, helps the Bitings of Serpents, the Sciatica, Gout, and pains in the Sides, mixt with Barley Meal, Wax and Nitre, and applied: laid to the Temples, it is good against the Lethargy; and anointed, it helps the Palsie. It extenuates, penetrates, digests, dries, defends from Inflammations, dissolves and glutinates. But because it is scarce to be gotten, *Petroleum* is used by the Shops instead thereof.

57. *The Vertues and Use of Petroleum.*

Petroleum, *Oleum Petre*, or Rock Oil, is a *Liquamen*, or Flowing from Rocks and Stones. It is hot and dry, digests, dis-

Olives, is Cephalick, Arthritick, Anodyne, and of thin parts. It comforts and strengthens the Nerves and Brain, consolidates Wounds, and heals them. The Spirit thereof helps Ulcerated Sibes and Chilblains, being applied with Spirit of Wine. It is extraordinary good against Conulsions, Passies, Numbness, and Fits of the Mother. That which is found in *Italy* is White and Red: that in *Sicily* swims upon Springs: The *Babylonian* is said to burn in its Fountain. You may distil it in a Retort, so have you a Spirit, and in the bottom of the Retort a Colophony, which is excellent for the Cure of Wounds.

58. *Terroaleum, Oleum Terra, Oyl of the Earth.*

Oyl of the Earth is two-fold, viz. either Red or Black; The Red comes from the *East-Indies*, and is clear, strong scented like *Petroleum*, but sweeter and more pleasant: it is hot and dry, consumes all cold matter in any part of the body; it cures Convulsions, Passies, Epilepsies, pains of the Sides and Spleen, Reins, Bladder, Womb and Joynts: it is excellent against the Gout, and running Gout, being Cephalick, Hyfterick, Arthritick, Anodyne and Vulnerary: use it both outwardly and inwardly. The black comes from the *West-Indies* and *Barbadoes*, and is called *Pesselon Indicum* or *Barbadoes Carr*. See it Lib. 1. Cap. 8. Sect. 54.

59. *Carbo Petrae, Lithanibrax, Sea-Coal, or Newcastle Coal.*

Sea-Coal, is a fossile Bitumen,

Black, Terrene, Stony and triable, being the chief fuel in *England* and *Germany*. You may distil it as *Amber*, so shall you have a Spirit and Oyl, which being rectified, is no ways inferior to that of *Amber*: It heals Wounds, softens Tumors and Nodes, cures Epilepsies, Apoplexies, the Megrim, Passie, Convulsions, Collick, griping of the Guts, fits of the Mother, Pains and Obstructions of the Spleen, Gout and running Gout: it softens, discusses, is Anodyne, and Hyfterick. Dose a gut. iv. ad viij. vel xij.

60. *Gagates, Obsidianus, or Jet.*

It is a kind of Bitumen, black, hard, sulphurous and stony, smells like Asphaltos, and burns like Pitch, having a black smoak, called by some black *Amber*; but that it is not, for *Amber* is smooth, *Jet* is rough. It takes the name of *Gagates* from the River *Gaga* in *Cilicia*, where of old it was only found, but now it is found in *Germany* also. It is Emollient, Discutient, Cephalick, Hyfterick and Arthritick, being taken in powder Ad ʒj. for seven days together. It cures the Collick, as *Schroder* says. Heated red hot, and quenched in Wine, it helps the Cardiack Passion: *Isidore* saith, it is kindled by water, and quenched by Oyl. *Al-drovandus* saith, being worn, it helps the Night-mare. The powder of it given in Wine is Diuretick, and causeth Delivery: it helps the Drop sic and Liver obstructed. You may make an Oyl from it, as from *Amber* (but only the fire must be stronger,) which being rectified with wa-

ter cures Madnes, the Falling-sickness, Palsie, Convulsions, Gout, and Suffocation of the Womb. Dose *gr. vj. or x.*

61. *Sperma Ceti, flos salis, flos Maris, Sperma Ceti.*

What it is, Authors can scarcely determine; however it is gathered from the Sea, upon which it flotes like froth. Some, as *Valerius Cordus*, affirm it to be the seed of a Whale, and give great reasons for the same. *Schroder* says it is false, because it is found in places where Whales are never taken: Some call it *αἶμα ἀνδρῶν*, *flos salis*, of *Dioscorides*, but that is an Error, for the *Sal Veterum*, or Salt of the Ancients, was of a red or Saffron colour, salt taste, and liquid; Whereas this of ours is purely white, absolutely fresh, and of a fat solid body, not fluid, if it be good; if it be rancid, yellowish, or unsavory, it is naught: there is a Counterfeit sort which is dissolved in water,

whereas the true, *Weckerus* saith, *non nisi oleo resoluitur*. But what it is, or whether Authors agree or no, is no great matter to us, whilst we know what we aim at and intend, and truly understand the Virtues of the same. This of ours is excellent against Cacoetick Ulcers, Phagedæns, running Sores of the Ears, defects of the Eyes: it resolves, moistens and is Anodyne, being much used by some to dissolve congealed blood within, coming from falls, bruises, and the like. It eases Pains of the Bowels in Children, and the Colick, is Pectoral, and is oft given in Coughs Phthisick, Asthma's, and tartarous Diseases of the Lungs. Some use it outwardly to anoint the marks of the Small-Pox, to fill them with flesh. Dose inwardly, *ʒi. ad ʒij.* It is best given mixt with Oyl of sweet Almonds new drawn, and white Sugar.

C A P. XIII.

OF S T O N E S.

WE divide all Stones into two Classes or Orders: viz. 1. Into more precious or Gems. 2. Into less precious or Common. The Gems are these: 1. The Jasper. 2. The Sapphir. 3. The Calcedony. 4. The Emerald. 5. The Sardonyx. 6. The Sardius or

Cornelion. 7. The Chrysolite. 8. The Beryl. 9. The Topaz. 10. The Chrysoprasus. 11. The Jacinth. 12. The Amethyst. 13. The Ruby or Carbuncle. 14. The Granate. 15. The Diamond. 16. The Pearl. 17. The Ligure. 18. The Agate. 19.

The Cryſtal. 20. The Onyx. 21. Coral. 22. The Heliotrope. 23. Bezoar. 24. The Opal. *All the other are common; the which (because we deſign an Alphabetical Method) we ſhall treat of jointly, as they ſhall fall in the ſame Order. The Gems (all except the two laſt) are ſpecially denoted in Scripture. See Exod. 28. 9. & 39. 10, 11, 12, 13. Job 28. 6, 16, 17, 18, 19. Ezek. 28. 13. Rev. 18. 12. & 21. 11, 19, 20, 21.*

1. *Achates, Ceraebates, Hamachates, Paſſachates, Sardachates; Ἀχάτης, the Agate. It is of ſeveral kinds; as the black, Coral-like Indian, and that of Crete. Myſus ſaith, That the Powder of it, drunk or applied, helps the bitings of Serpents and Spiders, refreſhes the heart, ſtrengthens the body, and cauſeth a good Colour: It is good alſo againſt the ſtinging of Scorpions, and reſiſteth the venom of peſtilential Poſſon.*

2. *Adamas, the Diamond. It is the moſt precious of all Stones. There are ſeveral kinds of it, of which three are principal, viz. 1. The Indian, being almoſt like to Cryſtal for Colour and Clearneſs; ſome of them are to be found of the bigneſs of a Filbert, or Haſlenut. 2. The Arabian, which is like to the other, but ſomething leſs. 3. Cenchros, which is about the bigneſs of Millet-feed. The Diamond is the hardeſt of all Gems: It is never given inwardly, but only worn as in Rings, &c. So it's ſaid to take away Fears, Melancholy, and to ſtrengthen the heart.*

3. *Alabaſtrites; Alabaſtrum, Ἀλαβαστρίτης, Alabaſter: our Mo-*

derns call this the Onyx, but 'tis certain 'tis not the Onyx of the Ancients. It is a kind of Marble, indigeſted and ſoft: If it is ſo ſoft as to be cut, it is called Gypſum. The Powder of it drunk, helps heart-burnings; and applied Plafter-wiſe, is diſcutient: eſpecially calcin'd, and made into a Plafter with Pitch and Roſin, ſo it abates Pains, ſoftens hard Swellings, and becomes digeſtive: It is only uſed in Alabaſter Ointment. It is brought out of India and Egypt.

4. *Alectorias, Alectoris, Ἀλεκτορίας, Cocks Gizard Stone. The bearing of it is ſaid to provoke Venery.*

5. *Amethyſtus, Gemma Veneris, Ἀμέθυστος, the Amethyſt, it is of an attractive Nature. The beſt are thoſe of a purple Colour, ſhining and ſparkling. It cauſeth quietneſs by way of Amulet, and ſo it's ſaid to make fruitful. It is brought from India, Arabia, Armenia, and Egypt.*

6. *Amianthus, Alumen Plumosum, Ἀσβεſτος λίθος ἀμύγιſτος, the Amianth, or plumous Allum. It differs not from Allum in form, but it wants the taſte of Allum, nor will it burn like Allum. This Stone is only uſed as an Ingredient in the Citron Ointment; but it's ſaid to cure Scabs. Being diſſolved in S. V. and Sugar, and ſo taken inwardly, it cures the Whites and Terms in Women. It alſo cures ſcald Heads, and ſore Legs, being of a drying quality.*

7. *Arenofus Lapis, Topbus, the Sand Stone. Aldrovandus ſaith, It is very dry, and ſticks to the*
D d 3 *tongue*

tongue like Bole, or *Armenian Earth*, and may be used instead thereof; for which cause, as *Erastus* saith, it was much used in *Germany*. It is excellent against Fractures made into a Plaster with Oil of Roses, Myrtles, or Mastic, with a little Wax, taking the Powder also inwardly to 31. morning and evening in any convenient Liquor, for a few days.

8. *Armenius Lapis*, $\Delta\iota\delta\Theta$ 'Αρμενίου, The Armenian Stone.

It is found in Silver Mines in *Armenia* (from whence it takes its name, but it is now found in *Germany*; it is full of Spots, Green, Sky-coloured, and blackish, like the *Lapis Lazuli*, with golden Spots and Veins, differing from *Lapis Lazuli* but only in ripeness, save *Lapis Lazuli* is found in golden Mines, this only in Silver. That which is Sky-coloured is best. It gently dries, cleanses and astringes, with a little Acrimony: being taken inwardly, *Mylius* saith, it purges Melancholy both upwards and downwards, without danger: It cures Madness, Melancholy, Apoplexies, Convulsions, Epilepsies, and Megrims; if it be wash'd 14 or 16 times in water, it only purges downwards, Dose à ʒij. ad ʒiv. Outwardly, it is a *Psolothron* for the Eye-lids, and is often used in *Ophthalmic Medicines*. *Quercetan* makes a Magistery, by first calcining of the Stone with the flowers of Brimstone, then dissolves it in a strong alkalized Vinegar: but it is better only washed or dissolved in S. V. for Acids destroy its purgiving quality.

9. *Aëtides, Lapis Aquila*. 'Αετidis, The Eagle Stone. It is al-

most like to the Bezoar Stone, having another Stone that rattles within it: It is either *Oriental* or *Occidental*, and is also three-fold: The *Oriental* is the first sort, which is rough, of divers Colours, commonly black, having within it another Stone called *Colimus*, being much about the bigness of a Damascen. The *Occidental*, which are the second and third sorts, are found in *Germany*: the one kind of them has Clay or Marle within it, being smooth, and of an Ash-colour: the other kind has Earth within it; both sorts are often found as big as a Goose Egg. It is called the Eagle Stone, because found in the Eagles Nest, of which there are two kinds, viz. a Male and a Female, without which they bring not forth: *Dioscorides* saith, that bound to the Left Arm, they help the slipperiness of the Womb, and causes a retention of the Seed, thereby preventing Miscarriage. But *Schroder* advises to remove it immediately after, lest it draw the Womb after it.

10. *Beryllus*, $\beta\acute{\epsilon}\rho\upsilon\lambda\lambda\Theta$ $\beta\acute{\epsilon}\rho\iota\lambda\lambda\Theta$, The Berril. It is either Common or Golden. It fortifies and enlivens Nature, helps against moisture of the Eyes, belchings, shortness of breath, and obstructions of the Liver, being infused in water, and the water drunk, washing also the part afflicted with it. The best are those of a Sea-green Colour; then those of a Golden.

11. *Borax*, *Chrysocola*, *Auri Glucen*, $\chi\rho\upsilon\sigma\sigma\eta\lambda\lambda\alpha$, Borace. It is either Natural or Factitious. The Natural cleanses Ulcers, hin-

renders proud flesh and makes lean, by gently washing the body, by its biting quality: It is a gentle Emetick; and if taken in too great a quantity may prove mortal, so *Weckerus*. But *Fallopins* saith, that ʒj. may be given at a time, in any decoction *prope nata*, to women which cannot be delivered, for which it is a most present remedy, whether the child be alive or dead. The Facitious is either Simple or Compound. The simple is made of Boys Urine and Niter mixed and coagulated. The Compound according to *Schroder* is thus made: R. Salt of Tartar, Sal Armoniack, Niter, A. ʒj. Common Salt, Gum Arabick, A. ʒj. Massick, Roch-Allum, A. ʒss. powder all a part, mix, dissolve all in Boys Urine, filter and coagulate, by boiling to a Salt.

It has the Virtues of the former.

13. Bezoar, Bezaar, Belzaar, Begaar, Bezard. The Bezoar Stone. *Rulandus* says, that gr. vi. given with other Sudorificks, help the Hungarian Disease. You may give gr. xiv. in the Plague and Poyson. *Arnoldus* saith it may be given to ʒj. and he is certainly in the right. It is a potent thing against putrid Feavers (except in their declination.) The Oriental is the most Sudorifick; the Occidental most loosens the belly. The Oriental taken in a mean, is a prevalent thing against Consumptions, cures Vertigoes, Epilepsies, the Megrim, &c. given in a specifick Vehicle. It mightily strengthens the heart, revives and recreates the Spirits, and restores decayed nature: and therefore it is gi-

ven against sounding fits, in the very paroxysm in Rose or Angelica water, and so also it cures the Palpitation of the heart, although of many years standing. It is also given with great success in the Measles and Small-Pox, to bring them out; see more of it in *Lib. 2. Cap. Sect. 14. of this Dispensatory*.

14. Calaminaris lapis, Cathimia, Climia, Cadmia Lapidosa, Calaminare. It is a yellow Stone not hard, which when burning, gives a Yellow fume; found in Metallick Mines: Of this Copper-smiths make Brass, as we have shewed in our *Polygraphices, Lib. 3. Cap. 29. Sect. 10.* This Stone dries, cleanses, binds, cicatrizes and incarnates; fills Ulcers with flesh; and made into powder, and sprinkled upon gald places in Children, dries and heals them suddenly. *Cleffius* makes a Magistery of it thus: R. Strong Spirit of Oyl or Salt ʒx. Lapis Calaminaris in powder ʒi. mix and dissolve, precipitate with Oyl of Tartar, and sweeten by often dissolving of it in hot water. It is both Emetick and Cathartick, working more gently, than any prepared Antimony. An Eye Water. R. Remish Wine libss. Lapis Calaminaris ʒij. all in one piece: heat it red hot, and quench it in the Wine, which repeat for seven or eight times: then decant the Liquor, filterate and keep it in a glass close stopp for use. It is the most certain Remedy for sore, running, and Rheumatick Eyes, that is yet known: I have known it do wonders in that case when all other things have failed.

15. *Calcarium, Αρωσός*, Limestone and Quicklime. The Limestone is of a grey Colour, almost like Marble, which by burning is made into Quicklime. Quicklime is of a fiery biting, burning, and caustic property; being washed, it dries without biting, and therefore dries up moist and running Sores and Ulcers, whether Venereal, or other. *Schroder* tells you of a Salt which you may make of Lime by a Lixivium, yet he must be a wise Man that can do it by the Lixivium alone; but by the affusion of Vinegar, you may have a complicated Salt in large quantity.

The Lixivium is excellent to wash Kings-Evil Sores, and other Ulcers which are hard to heal; taken inwardly, it gives ease in the Colic, and dries up moist humors in the Dropsie: of it you may make an Ophthalmic Water. Spirit of Quicklime. *R. Levigated Quicklime, imbibe it with alkalized, or perfectly deslegmative S. V. which abstract again in B. M. and cobobate 8 or 10 times, that the Lime may be very fiery; of which take ℥x. Salt of Tartar ℥i. of the Caput Mort. of Tartar first burnt ℥ix. mix, and in a luted Retort, so large as it may not be quite half full, distil into two Receivers; the one very large, into which put S. V. rectified, to receive the Spirit; the other lesser to receive the Flegm: let the first Receiver be joined with a Canal, brought from the neck of the other Receiver; place the latter so that the flegm may fall directly into it: then kindle the fire, so have you first a flegm, then with a stronger Fire a white Spirit; which goes*

through the Canal into the other Receiver; which Spirit is joined with S. V. and is hard to be separated, unless by small rectification with a very gentle Fire, or by burning the S. V. off, that the Spirit of Lime may remain at the bottom.

This Spirit is a wonderful Deobstructor; cures the Cachexia in old persons, the Green-sickness in Virgins, the Rickets in Children; and is a great Arcanum and Specific for breaking, dissolving, and expelling the Stone and Tartarous Matter from any part of the Body: It is Anodyne, and an excellent thing in the Gout, dissolves Pearls, Crabs-eyes, Coral, Crystal, and other hard Stones, extracts Tinctures; and, as *Basil* saith, fixes the Volatile Spirits of Minerals: Where note, 1. That except you at first impregnate the Lime with S. V. highly rectified, you will only have a Flegm, which will flow into the least Receiver. 2. That the white Spirit being condensed in the Spirit of Wine, will be yellow; but by a rectification upon Ashes with a gentle heat, it will be clear.

16. *Chalcedonius, Chalcodonius, Χαλκιδόν*, the Chalcedony. It is both male and female, and is commended (only used as an Amulet) against hoariness and loss of voice. The Males are the best, as shining more bright, and having as it were bright and shining Stars within them.

17. *Chrysolithus, Χρυσόλιθος*, the Chrysolite. Our modern Jewellers call it a Topaz, but it is an Error. It's a Gem of a golden Colour, and is either Oriental or Occidental: the Oriental is the best, which being laid together with

with Gold, makes it look like Silver. The signature of it demonstrates it to be of a Solar Nature, from whence it is thought to take away Fears and Melancholy, unquiet and fearful Dreams, and the Falling-sickness, worn as an Amulet, in a Locket or Ring. The Occidental is found in *Bohemia*.

18. *Chrysophrasus*, χρυσόφρασος, the Chrysophrase. It is of a fiery gold-like colour, and is of 2 kinds, viz. the *Prasioide*, and *Chrysopetron*. It is an Amulet against Swooning Fits, and weakness of the Eyes; and is reported to be of a pale colour in the day, but glorious by night.

19. *Cos*, *Coticula*, *Acone*, *Lapis nazims*, ἀκόν νάζια, the Whetstone. It is either dry or oleary: the dry or common taken in Powder with Vinegar, consumes the Spleen; and, as *Diascorides* saith, cures the Falling-sickness. *Wecker* saith, that which comes off from it by whetting, is Styptic, helps the falling off the hair, cures baldness; and being drunk, keeps down the breasts of Women or Virgins. The Powder of the oleary Whetstone is of a cleansing virtue, cures the *Alopecia*, and is used by Smiths, Barbers, &c. to sharpen their Tools withal.

20. *Crystallus*, χρυσάλλον, Crystal. It is a Stone found in *India*, *Scythia*, *Spain*, *Germany* and *Africa*; more transparent than clear Glass. It is the softest of all Gems; that which is most pure and transparent is best. It binds, and therefore is given in fine Powder in austere Wine against the *Diarrhæa*, *Dysenteria*, *Lienteria*; *Celiac Colic*, Whites and Reds: It encreases Milk in Nurses, breaks the Stone both in Reins and Bladder, and

helps the Gout. *Marthaolus* saith, that the Powder of it taken ℞ij. or ʒi. at a time, in Oil of Sweet Almonds, cures those that have drunk Quicksilver, the which *Boerhaave* also confirms. 1. *Pulvis Crystalli*, Powder of Crystal. It is made by beating of it small in a Mortar, then levigating of it upon a Marble: Or thus, Heat it by degrees red hot, and then cast it into cold water, so will it in a trice be brought into a very subtil Powder. The Virtues are as aforesaid. 2. *Sal Crystalli*, Salt of Crystal. R. Most transparent Crystal, calcine it alone in a Crucible in a great Reverberatory Furnace, for 12 hours; then take it out, and when cold, reduce it to impalpable Powder in an iron Mortar, to which put as much Nitre purify'd, and in Powder, put them into a Crucible covered with a Tile, in the same Furnace, and like fire, for about two days; take it out, and being cold, reduce it to powder, and cast it by spoonfuls into a Kettle of boiling water, letting it boil till half the water is consumed: then filter, whilst hot, through a brown paper; and over a good fire evaporate the humidity, so have you a Powder as white as Snow, which you must continually stir with an Iron Spatula, for fear it should melt, till it is thoroughly dry. Where note, 1. That we calcine a second time with Nitre, the better to open the body of the Crystal. 2. That the Nitre be pure and free from all its fixed Salt. 3. That the Nitre assimilates a part of the body of Crystal, into its own likeness, for otherwise the Crystal would be nothing but a Calx or Quicklime, containing only its Virginal Earth, having in itself no Alkalious

hours Salt at all, as we hinted before, at Sect. 13. In opposition to the opinion of *Schroder*. 4. That Crystal being only a transparent Glass, and Glass only a less transparent Crystal, cannot be melted and purified but by the Salt of other Vegetables and Minerals; so that after the fusion and Vitrification of the matter, all the Salt is separated, so that there is not the least part of a grain in either Glass or Crystal. 5. Some calcine the Crystal first with Tartar, then with salt: others first with Salt, then with Sulphur: some do it with double quantity of Beech Charcoal, then with Salt of Tartar: other, as *Crollius*, calcine first with Sulphur, then Niter, but *Quercetan* uses Salt of Tartar. 6. If after elixiviation, any of the Calx remain, calcine again, so often till all the substance (the Fæces being cast away) be dissolved. 7. Some elixivate in Nettle water, impregnated with its own Salt: some in Radish water, some in Rest harrow, some in Parsly water; others in Persicary water: *Schroder* in distilled Vinegar with Turpentine, which is indeed as good as any thing, and it may do well enough without the Turpentine, See our *Polygraph. Lib. Cap. 69. Sect. 7*. This is a very strong Medicine, and powerful Diuretick, insomuch that *Hartman* advises that it should not be given much, nor too often. It breaks and dissolves the Stone, in the Reins and Bladder, expels Gravel, provokes Urine, cures Drop-sies and dries up Gonorrhæa's. Dose à gr. vj. ad xvj. Thus may you make Salts of Fragments of precious Stones, as Rubies, To-

paz's, Emeralds, Diamonds, Sapphirs, Corals, Pearls, &c. 3. *Mazgisterium Crystalli*, Magistery of Crystal. R. Calx of Crystal dissolved in any of the aforementioned waters, and precipitate with common Salt, which wash and dry. It has the Virtues of the former. 4. *Oleum seu Liquor Crystalli per deliquium*. It is made of the Salt, dissolved in the Cellar. Dose à gut. xv. ad xx. 5. *Elixir Crystalli*. R. Pure Salt of Crystal: Digest in Horse-dung, or B. M. with S. V. or Nettle, or Persicary water, or S. V. distilled with them; then distil by a Retort, so will pure of the Salt ascend: put on fresh menstruum so often till all the Salt arises with it. This *Boerhaave* calls Volatilization of the Salt of Crystal. 6. *Emor Crystalli*, Horstii. R. Crystal in powder; fine Tartar Salt A. 3j. calcine in a glazed Crucible with a cover, having a hole in it, in a potters Furnace; then cast it into Nettle water, and it will be dissolved into a bright green water, what remains at the bottom cast away, adding a little common Salt purified and poudred. It is an excellent thing against the Drop-sie, Stone, Gravel, Obstructions of Urine, &c. being sweetened and given à gr. x. ad ʒj. either alone, or with Cream of Tartar. 7. *Essentia Crystalli Kessleri*, Kesslers Essence of Crystal. Calcine Crystal alone, quenching of it in distilled Vinegar; then calcine it with Niter 12 hours, so this Calx ʒiv. put distilled Vinegar, ʒx. digest 3 or 4 days in B. M. abstract to dryness, dissolve the Salt per deliquium: the white Oyl which is from the Niter, cast away; the red take and digest 3 or 4 days with Wine, then decant from

from the faces, and keep it for use It has the former Virtues: *Kesler* gives it in Wine thrice a day.

21. *Corallum*, *Corallum*. Κοράλλιον, λιθόδενδρον, Coral. There are several sorts of Coral, as the red; (which is the male) the pale (which is the female) the yellow, green, black, ash-coloured, &c. of all which the red is the best, and that we only use. The Virtues of it, see in *Lib. 1. Cap. 4. Sect. 179.* of this Dispensatory. The Dose of which in crude Powder is a ℥i. ad ʒi. but as to the several preparations thereof, as also of *Pearl* and *Talk*, see them added at the end of this Chapter.

22. *Geodes*, *Lapis Geodes*, λιθόγεωδης, The Geodate. It is drying and binding; steeped in water, it helps the Inflammations of the Eyes. It is of the nature or kind of the Eagle-Stone, and so in like manner preserves the Conception, and accelerates the Birth. It is found, as *Wecker* saith, in *Saxonia*, and *Misnia*.

23. *Granatum*, The Granate. It is a shining transparent Gem, of a yellow red, almost like fire, or Minium being a kind of Hyacinth, and is either Oriental, or Occidental: the first are brought to us out of *Ethiopia*, the other from *Spain* and *Salefia*. The Oriental are the best, but the Shops have none but the Occidental: and therefore you must be contented with them or none. Being prepared, they dry, corroborate, resist Poyson, take away Melancholy, cure palpitation of the Heart, stop spitting of Blood, open Obstructions, break, dissolve, and expel the Stone, &c.

24. *Gypsum*, *Gessin*, *Giepsin*,

λίθον. Plaster. It is used by Fullers, instead of Fullers Earth: it dyes, is emplastic, and applied with the white of an Egg, stops Bleeding: if calcin'd, it dyes more, but it is less glutinous.

25. *Heliotropium*, the Heliotrope. It is a Solar Stone, and a kind of Jasper, being of a green colour, with red spots upon it, esteemed by some for a sort of Blood-stone. It resists Poyson, and stops bleeding in any part: The other Virtues are the same with the Jasper. Some take this for the true Blood-stone, not the following.

26. *Hematites*, *Scedenigi*, λιθόαιματίνης, The Blood-Stone. It is found in Iron Mines in *Germany* and *Bobemia*, of a black, yellowish, or iron colour: The best is brittle, very black and even, free from Filth, and of a Cinnabar-like colour. It cools, dries, astringes, glutinates, and therefore helps Ulcers of the Eyes and Lungs; is good against the Gout, Fluxes of the Womb and Belly; spitting Blood, and bleeding at Nose. Dose inwardly a gr. xx. ad ʒi. or ʒiij. *Dioscorides* saith, That mixt with Womans Milk, it helps, bleed Eyes and Suffusions. It is to be reduced into a most subtil Powder by Levigation with Plantane Water. If you distil it by a Retort, it yields a Spirit, in Scent, Taste and Virtues like that of Vitriol. Some wear it bound to the Arm, to stop bleeding at Nose. If you drop a Solution of Sal Armoniac into the Oil, a Sodorific Powder of a pleasant gold colour will precipitate.

27. *Hybernicus Lapis*, *Lapis Hybernicus*,

bernia, Irish Slat. It comes from *Ireland*; but I have found much growing in *England*. It is often used against Bruises, in place of *Sperma Ceti*, and is said to be very effectual against Quartan Agues. Dose à ʒij. ad ʒij. in Posset-Drink, or Broth.

28. *Hyacinth*, *Lapis Hyacinthinus*, Ἰάκινθος, the Jacinth. It is a transparent Gem of a yellow red, or flame-like colour, and is either Oriental or Occidental. The *Oriental* almost like natural *Minium* are the best: the *Occidental* found by the River *Isera* in the Confiners of *Silesia*, of a Saffron or transparent Amber-like colour, are the worse. It strengthens the heart much, and is a present Remedy against Poyson, Plague, and Pestilential Infection: For which it is both taken inwardly, and worn as an Amulet upon the heart. It is also a Specific against the Cramp and Convulsion, causes rest, and stops Fluxes of Blood. If any one be infected with the Plague which wears it, it straightway loseth its Colour: So also in fair weather it is clear, in foul weather dull. Salt, or Magistery of Jacinths. R. *Jacinth* not broken, *Sulphur vive*, ana, calcine in a strong Crucible covered with a Tile, in a Circular Fire, till all the Sulphur is consumed; then wash it well, and Calcine it again in a Circular Fire, with as much Nitre, till it be a red Mass like Metal: afterwards edulcorate it in hot Water till the Nitre is not perceived by the taste. Dry and powder it, and with Vinegar distilled with Turpentine; dissolve all the Powder, except a few feces at bottom, then filter the Solution, and either abstract to dry-

ness, so have you a sweet Salt; or precipitate with Oil of Tartar, so have you a Magistery. Dose à gr. x. ad ʒi. in the said cases. *Hartman*.

29. *Jaspis*, Ἰάσπις, ὄψις, *Jabulum*, the Jasper. It is green, brought out of *India*, *Persia*, *Cyprus*, *Phrygia*, &c. But there are several that are Sky-coloured, White and Red, &c. It is used as an Amulet against Phantasms and Witchcraft, as *Galen*, *Ramus*, and *Mylius* affirm. Tied to the Thigh of a Woman in Labour, it facilitates the Birth. *Athrosandis* saith, worn on the Breast, it helps the Epilepsie, Pain of the Stomach and Colick. It is of the nature of the Blood-Stone; for it not only stops bleeding at Nose, and other Fluxes of Blood, but also Flux of the Terms.

30. *Judaicus Lapis*, *Tecolintbòs*, *Phenicites*, *Syrinchus*, Ἰουδαϊκὸς λίθος, *Jews-Stone*. It comes from *Judea* and *Silesia*, being a little round Stone, almost like an Olive, tender and brittle, with Fleaks the long way, at equal distances, as if it was done by a Turner. It is said to be both Male and Female; of which some of the Males are as long as one's little Finger. It is a Specific against the Stone in the Reins and Bladder, and the Stoppage of Urine. Salt or Magistery of Jew-Stone; Calcine it with Sulphur, dissolve it in Vinegar, distilled with Honey, or Spirit of Salt, filter, and abstract, so have you a Salt; or precipitate with Oil of Tartar, and edulcorate, so have you a Magistery. Dose ad gr. x. or xij. for the aforesaid Intentions: The levigated Powder of the Stone, and is good for the same purpose.

31. *Lazuli Lapis, Cyanæus, Ceruleus, Stellatus, Azurinus, Kudave* & *Altho*, the Azure Stone. It is found in Gold, Silver, and Copper Mines, being a Stone like a Sapphir, or the Flowers of *Cyanus*, or blue Bottle, furnished with golden Veins or Flames, and is something harder than the *Armenian* Stone. It is of two sorts, Oriental, or Occidental: The Oriental is fixed, so as that it endures the Fire without changing Colour. The Occidental found in *Germany* is not fixed: The Virtues are the same with the *Armenian* Stone, only this is weaker in operation. It chiefly purges Melancholy, opens obstructions of the Spleen, cures Vapors in the Head, Vertigo's, Megrimis, Apoplexies, Epilepsies, Quartan Agues, Palsies, Fits of the Mother, and other Diseases arising from Melancholy; you may give of the fine or levigated Powder à *ʒij*. ad *ʒj*. or more: some wear it about the Neck, as an Amulet against Frights in Children, and to prevent Abortion; but it ought to be removed at the time of Delivery, lest it hinder the Birth. Of this Stone is made that glorious colour call'd *Ultramarine*: first see our *Poligraphice*, Lib. 3. Cap. 30. Sect. 13. Of the *Armenian* Stone is made *Azure*. 1. The washing of *Lapis Lazuli*. See the levigated Powder be washed often in *Rose-water*, that it may be divested of Acrimony and Burning. It has the Virtues aforesaid. 2. Magistery of *Lapis Lazuli*. Either put the crude Powder into Spirit of Salt: Or, as *Quercetan* advises, first calcine it with Sulphur, then dissolve in Spirit of Vinegar: and lastly, precipitate with Oil of Tartar. It is excellent

against burning Fevers: Dose *ʒij*. 3. Elixir of *Lapis Lazuli*. Dissolve the Stone calcined in *Aq. Vit.* or *S.V.*

It is a wonderful thing (according to the Opinion of *Fioravantu*) in the Cure of Malignant Fevers, and the worst of Ulcers: It cures also Melancholy, and is an especial Remedy against the Gout. Dose a Spoonful. 4. Salt, or Crystals of *Lapis Lazuli*. R. The Stone calcin'd white, grind it on a Marble; boil it in distilled Vinegar for seven or eight hours: decant, and put it into an unglazed earthen Pot, long and narrow at mouth, stop it close with Wax, set it in a cold Cellar, and in few days the downy Crystals or Salt will sweat through, which gather, letting it stand still for more. It has the aforesaid Virtues, is purging, and an excellent thing to quicken other Purges with. 5. Essence of *Lapis Lazuli*. Calcine *Lapis Lazuli*, by extinguishting of it ten times in *S. V.* then powder and wash it with *Angelica Water*, and digest it in *S. V.* for forty days; abstract, and the Essence will be at bottom. *Hartman* gives it à gr. x. ad xx. But Experience tells us, it may be given to *ʒss*. It cures Melancholy, Madness and Mange, and also Fevers, chiefly Quartans.

32. *Liguris*, the Figure. It is a kind of *Jacinth*, having its Virtues.

32. *Lyncis Lapis, Lynchritus, Belemisus, Dactylus Idæus, λυγκέριον*, The Lynx-Stone. It receives its name either from its Matter, or its Form. It is called the Lynx-Stone from its Matter, because it is said to be generated of a Lynx's Urine: *Belemisus*, from its likeness to an Arrow; and *Dactylus Idæus*, from its

In resemblance to the Idæan date, or that which grows upon Mount *Ida*. It is a shining Stone almost like Amber, and is found in *Germany, Pomerania, Helveria, Borussia, &c.* It is an excellent Lithontripctic and Vulnerary; it cures the Pleurisie and Night-Mare, and prevails against Witchcraft. Doie inwardly in Powder à gr. xx. ad 3j. *Cæsius* saith, it cures the Jaundice, and pain of the Reins. *Dioscorides* saith, drunk in water, it strengthens the Stomach, and helps the Flux of the Belly. *Schroder* saith, if it be old it stinks, nor can it be taken away by burning.

34. *Lapis Humanus*, *Λιθὸς*, Stone from a Man. It is found both in the Reins and Bladder. It opens Obstructions, breaks, dissolves, and expels the Stone, and is good against Tartar in any part of the Body. See lib. 2. cap. 1. sect. 8. of this Dispensatory.

35. *Magnes Nausicus*, *Lapis Sideris*, *Heracleus*, *Herculeus*, *Λιθὸς μαγνήτις*, The Magnet or Loadstone. It is of a Metallic or Iron matter, found in *Germany, Norway, England and Italy*, about Iron Mines. *Cæsius* saith, It is of an attractive Force, inasmuch as that we see it draws Iron, and other Loadstones to it. *Mylius* saith, it cures the Drop-sie, by exhausting the humidity, the Powder thereof being drunk: so also it loosens the Belly, and, as some think, being taken in a small quantity, preserves Youth. *Galen* affirms, it has the Virtues of the *Hematis*, or Bloodstone, especially in stopping of Blood; and therefore (as *Dioscorides* saith) some boil it, and sell

it for the same. *Schroder* saith, that being calcin'd, it purges thick and melancholic humors. The Calx made into a Plaster with Wax, is said to be of extraordinary Force against the Gout. If the Stone is weak, it is repaired by cementing it with Lime at a gentle Fire, and then quenching of it in the Solution or Oil of Mars. That which is of the Colour of Iron is best. It is an Ingredient in the Weapon Salve, and *Aldrovandus* saith, it helps Gonorrhæa's in Women. *Kircherus* saith, it is wholly of the nature of Iron, and taken in Mulse, opens Obstructions of the Spleen, and helps the Dropsie. Worn about the Neck it helps Convulsions, and pain of the Nerves: held in the hand, it is said to accelerate the Birth. It ought to be kept hanged up, that it may have its natural Position, and is to be fed with filing of Steel wrapped up in a purple Cloth, to preserve it.

36. *Marcasita*, *Lapis Molaris*, Mill-stone. *Hippocrates* and *Aldrovandus* say, it is used to cause Conception: powdred, and mixt with Rosin, and applied, it dries up milk in Womens breasts, and is used against hard *Cherades*. *Paulus* substituteth it instead of the Fire-Stone.

37. *Margarita*, *Perla*, *Unio*, *Lapis Erythraeus*, *μαργαρίτις*, Pearl. See our Polygraphices, Lib. 4. Cap. 36. Sect. 6. and Cap. 37. Sect. 14. They are either Oriental, or Occidental; found in Sea Shell-Fish; the first near the *Persian*, or *Indian Ocean*; the latter upon the Coast of *Scotland, Silecia*, and other

other Western parts of the world, but they are nothing near so good as the Oriental. Those which are great and perforated, are thought riper and better, than those which are not; *Aldrovandus* saith, they are cold and dry, consume Moisture, strengthen and comfort the heart, revive the Spirits, and refresh all the principal parts. In *Collyrium* they cleanse the Eyes of filth, take off films, and strengthen the Optick nerves. *Rueus* saith, they cure Melancholy, help those which are subject to Cardiack Passions, and defend against all Pestilential diseases. They are good against the *Lienteria* and flux of the belly, proceeding from the slipperiness of the Intestines, by reason of which the food passes undigested. *Mylius* says, they help the trembling of the heart, giddiness of the head, and are good against soundings. They are put into *Mannus Christi* against faintings: The same *Mylius* affirms, that they stop fluxes of blood and the Terms, cure Fevers, cleanse the teeth, and make them white. *Paracelsus* saith, they are an Excellent Cordial, strengthen the Balsam of Life and resist Poyson, Putrefaction and the Plague. *Schoder* saith, they are so famous that men in the greatest Agonies are refreshed thereby. From my own experience this I can affirm, that they are one of the best of Remedies against all sorts of Fevers, chiefly violent burning and Pestilential Fevers, cure heart-burning beyond other Medicines, and are the chief of all cordial Medicaments; they are prepared several ways, (which you may see at the end of this Chapter)

but the crude powder is in my opinion much beyond the Salt or Magistrary.

38. *Marmor, Mdsuap* ♂, Marble. There are several kinds thereof, as the White, Black, Green, Led, &c. *Alabaster*, is one of the kinds thereof: See it Sect. 3. foregoing; so also are *Opbites* and *Porphyrites*. *Galen* saith, that Marble taken inwardly breaks the Stone: heated and laid to the sides and belly, it eases the Colick, pain of the sides and Pleurisie; and so also laid to the feet a little before the fit it cures Quartans.

39. *Nephriticus Lapis*, *Nid* ♂ *veqeiun* ♂, The Nephritic Stone. It is green, sometimes of a whitish green, or yellowish, or sky-coloured with green; or of a pale green, mixed with yellow, blue or black; found in *Spain*, both old and new, and also in *Bohemia*: *Schroder* saith, that there are pieces so big, as that they make Pots thereof, but it cannot be exactly polished, because the Superficies always sweats with Fat, as if anointed with Oil. *Mylius* saith, it expels the Stone and Gravel, being tied to the Arm. *Schroder* commends it against the pain of the Stomach and Reins, but especially against the Stone; and to expel Gravel, the which it cures, being tied to the Arm or Hip, or worn in Bracelets about the Neck. Tied to the Thigh, it facilitates Delivery.

40. *Onyx*, *Ordē*, The Onyx Stone. It is a precious Gem, having the colour of the Nail of a Man's hand, - So says *Horstius*,
Onyx

Onyx Gemma est, unguem humanum referens, eaque polita & Nicens. It was better known to the Ancients than to us. Modern Physicians call the *Alabaster* by the name of *Onyx*, but that is an Error. This Stone worn as an Amulet strengthens and fortifies the heart, and represseth Phantasms: It provokes Lust, and puts away Melancholy.

41. *Opalus.* The Opal. It is a precious Stone of divers Colours, wherein appears the fiery shining of the *Carbuncle*: The purple Colour of the *Amethyst*, and the beautiful Green of the *Emerald*, all very strongly and curiously mixt with incredible light or shining; infomuch that *Horstius* saith, *Nihil inter Gemmas pulchrius esse potest*, no Gem is more glorious. It has all the Virtues of the *Ruby*, *Amethyst* and *Smaragdus*: There is a false Opal, called *Pseudopalum*, and *Oculum Catæ*, or the *Cats-Eye*; and by *Isidore*, *Ophthalminus*, The Eye-stone, but it is less glorious than the true Opal. *Panthera est alius Lapis, ex Opalorum generis qui à pardalis, seu Pantheræ animalis variegato colore nominatur*, for so says *Macer*.

Pantheram parat esse feram diversifcolorem.

It is reported to have as many Virtues as it has Colours, but what they are, Authours are something silent in.

42. *Ophites Serpentinus*, The Ophite; a kind of very hard Marble, of a dark green, having spots like a Serpent, from whence it is denominated. It is emi-

nently good against Head-aches, and stinging of Serpents, being bound to the part afflicted: *Dioscorides* saith, that those Ophites or Serpentine with Lines cure the Head-ach, Lethargy, and Small-Pox.

43. *Ostiocola, Offisragum, Osti-tes, Osteolithos, Holostem, Sabulosus*, The Bone-binder. It is a Stone almost like a Bone, white or ash-coloured, and sometimes resembling Coral, found in *Silesia, Saxonia*, and the *Palatinas*. *Schroder* saith, it speedily glews broken Bones together, producing a matter fit for a *Callus*, and so hastning the Consolidation; the lœvigated powder is inwardly given *à ʒi. ad ʒij.* and outwardly used in Pultises and Plaisters. *Aldrovandus*, saith, it ought to be mixt with Oyntment of Crows-bill Roots, or with red Wine. It dries, and binds without sharpness, and resists Plague and Poyson.

44. *Phrygius, Lapis Phrygiæ, Lithophris*, The Phrygian Stone. It causes crusts after the manner of fire, yet mixed with Wax it helps burnings. *Dioscorides* saith, it both astringes and purges: and *Galen* says, it dries much, and is profitable against putrid Ulcers, wash it as *Cadmia*.

45. *Porphorites*, The Porphyry Stone or Red Marble. Taken inwardly it breaks and expels the Stone: The Virtues are the same with the Ophite, which see Sect. 42. foregoing.

46. *Pumex, Lapis Bibulum, Kionels*, The Pumice Stone. It is a white, light, dry, spongy, porous Stone,

Stone, full of holes, easily broken, and free from Sand, found chiefly in *Germany*. It cools, dries, cleanses Ulcers, incarnates and skins. *Schroder* saith, the Powder or Calx is us'd in Eye-Medicines, Dentifrices, and Sternutatories. *Theophrastus* says, being taken inwardly, it hinders Drunkenness, unless a very great quantity of Drink be taken after it: you may burn it thrice, quenching it every time in Wine, then wash it in fair water, and dry it. But *Berlin* calcines thrice without quenching, and then reduces it to Powder.

47. *Pyrites, Lapis Luminis, Lapis Araricus*, $\Lambda\theta\Theta$ $\Pi\upsilon\epsilon\lambda\iota\tau\eta\varsigma$, the Stone. It is two-fold, viz. either of a Golden or Silver Colour: both heat, dry, discuss Humors, and soften hard Swellings. *Dioscorides* saith, it clears the Eye-sight. *Aldrovandus* saith, that mix'd with the Gum of the Pine-Tree, it dissipates Swellings, and helps Fellons, and with Vinegar takes away Morpheus, Lentils, and moistness of the Skin. Taken inwardly, it stops Womens Fluxes, and, as *Cardan* saith, lessens the Spleen. *Zanardus* saith, it serves to strike Fire with. It is found in *Persia*, *Cyprus*, and *Goslaria*. That is the best which is of the colour of Brass.

48. *Rubinus, Carbunculus, Pyropus, Appropus*, Αντραξ , the Ruby or Carbuncle. It is either White or Red. The White are unripe; for that is their primary colour; then, as they grow to perfection, they grow to a Rose Red, then Red like Blood or Gum-lake: The best come from *Zeilan*, and the River *Pegu*; the worse and lesser are found in *Calcut*, *Bisnagar*, *Coria*, and *Cambia*, being

found in the same Mines with the Sapphire. It is a most transparent red Gem, and so hard as not to be toucht with a File. The best are the hardest and coldest (which you may perceive by your mouth and tongue) and such (as *Isidore* saith) shine in the dark. *Mylius* saith, that being drunk, it restrains Lust, preserves the Body, removes ill Cogitations, strengthens the vital Spirits, and makes a Man lively and cheerful. *Schroder* saith, that it resists Poyson, and preserves from the Plague. It is worn also as an Amulet for all the purposes aforesaid; and so, if a Man be in any danger, it changes its colour, and becomes dim; but being past, it recovers it again. *Pliny* (lib. 37. cap. 7.) saith, it is a Gem shining with a light-like Fire, resembling a Flame.

49. *Samius Lapis, Lapis Insule Samos*, $\Lambda\theta\Theta$ $\Sigma\acute{\alpha}\mu\iota\upsilon\varsigma$, the Samos Stone. *Dioscorides* saith, it is cold and astringent: being drunk, it helps them which cannot digest their Food, but vomit it up again: applied as the Eagle Stone, it both preserves Conception, and accelerates the Birth: mixt with Milk, it helps Ulcers, and Fluxions of the Eyes. It is good also against Melancholy, the Vertigo, Falling-Sickness, and Stoppage of Urine. The best is hard and white, which, as *Isidore* saith, is good to polish Gold with.

50. *Sapphirus, Sapphir, Gemma Gemmarum*, $\Sigma\acute{\alpha}\phi\iota\rho\iota\varsigma$, the Sapphire.

It is either *Oriental*, or *Occidental*, and of each there are Male and

Female. The *Oriental* are found in *Zilan, Calcut, Bifnagar, Canaor*, and *Pegu*, in which last place are the best. The *Occidental* are found in *Silesia* and *Bohemia*. It is a glorious, clear transparent Blue, or Sky-coloured Stone, these are the Males. The Females are white and unripe, so they want colour. The most transparent and deep coloured, are easily divelled of that Beauty, by a little heat of the Fire. It is cold and dry, astringent, glutinative, Ophthalmic, Cordial, Alexipharmic, and Analeptic. *Dioscorides* and *Matthiolum* say, it is good taken inwardly against inward excretions; takes away Excrescences, Ulcers or Pustules in the Eye, and glews together the broken Tunicks thereof. *Mylius* saith, it comforts and strengthens the Body; cures Diseases of the Skin, causes a good Colour, and resists Melancholy and Witchcraft. Applied to the Pulses, it cures Agues. *Schroder* says, it cools Inflammations, and dries up Rheums in the Eyes, used in Collyries, or applied with washed Butter. It is prevalent against all Fluxes of the Belly, the Dysentery, Liver-Flux, Hemorrhoids, &c. It stops spitting of Blood, taken in Poppy-Water; strengthens the Heart, revives the Spirits, resists Plague, Poyson, and malignant Fevers. The Stone laid whole to the Forehead, stays the bleeding at Nose. You may dissolve it in Juice of Lemons, or Spirit of Vinegar, and so use it: drunk in Wine, it helps against the stinging of Scorpions. You may also beat it into Powder, and levigate it with Rose-Water. 1. Salt of Sapphirs. Calcine the Stone with its

double weight of Sulphur, sweeten with distilled water, and dry it: macerate it in S. V. dry again, what remains at bottom calcine again, and distil it so often with S. V. till it melt in Wine like Snow: abstract the S. V. so have you the Salt. 2. Oil or Liquor of Sapphirs. It is made of the former Salt per deliquium, set in a moist Cellar. 3. Essence of Sapphirs. Dissolve the Stone (being twice calcined) in Oil of Vitriol, which abstract, and with S. V. extract the Essence or Tincture. The Salt, Oil and Essence, have all the aforesaid Vertues: of the Salt you may give a gr. ij. ad viij. of the Oil and Essence a gut viij. ad xvj. or xx. in any convenient Vehicle.

51. *Sardonyx*, *Lapis Sardonicus*, *Σαρδόνιος*, the Sardonyx. It is brought out of the Indies, and from Arabia. It is of many Colours; some resemble the Rainbow; some are white, some blackish, and some cloudy. *Horslius* saith, *Sardonyx conque utriusque* (speaking of the Onyx and Sardius) *particeps huius & illius habet colorem, hoc est, veluti utriusque heminis carnibus impositum, & utriusque transsudum refert*. *Mylius* saith, it resists Venery, and makes Chaste, yet makes Cheerful, taking away the heaviness of the mind. It has the Vertues of both the *Sardius* and *Onyx*, of the natures of both which it participates; you may use it in an Amulet about the Neck, or wear it in a Ring.

52. *Sardius*, *Sarda*, *Corneolus*, *Cornerina*, *Σαρδύς*, the Cornelian Stone. *Alenfer* saith, it is the Original of the Amethyst, which

which opinion of his is very probable, the *Sardinus* being an unripe Stone; he saith, it cures Tumors and Wounds made by Iron, cheers the heart, and causeth Joy. *Aldrovand* saith, the Powder of it whitens the Teeth; and some have proved it good against an Hæmorrhage. *Schroder* saith, the Powder of it taken inwardly, stops all Fluxes, and is a Specific in stopping of Blood: used as the Eagle Stone, it prevents Miscarriage. It is of various colours, some are red, others like flesh, or bloody water; some a little bloody, others of a yellowish red. The *Babylonists*, and those found in *Sardinia*, are the best: the *Indian* and *Arabian* are good, so those in *Silesia*.

53. *Schistus*, *Ischistus* *Isidori*, *Αἰθίοπος*, the Cleaving Stone. It is certainly a kind of Talck, and admits of the same preparations; but *Dioscorides* says, it is of the nature of the Blood-Stone, yet not altogether so effectual: with Womens Milk it fills up hollow Ulcers, and is reported to be good against the Piles: *Aldrovand* saith, it is good against Ruptures, and defects of the Eyes. It is brought to us out of Germany.

45. *Silex*, *Lapis Tiliceus* & *Vivus*, *Χάλιξ*, the Flint. It is a Stone harder than Marble: Some are black, some cloudy, some white, and some I have seen with a thick, white, crusty outside, which when broken, have been as transparent as Crystal. Flints are hot and dry, discussive, digestive, and resolute: they open Obstructions, and dissolve the Stone, and Tartarous Mucilage in the Lungs, or other parts. Outwardly they are used

to cleanse the Teeth. There are several preparations of them, of which the Calcination, Salt, Oil, Tincture, and Cream; or Crystals, are the chief. 1. To calcine *Flints*. Heat them red hot leisurely, then quench them in fair water, which so often repeat, till they fall into a fine Calx. 2. Salt of Flints. Rx. Calx of Flints aforesaid; and extract the Salt thereof with Vinegar, or distilled Vinegar, as *Quercetan* advises. It powerfully dissolves and expels the Stone. Dose à gr. vi. ad xv. or xx. 3. Oil or Liquor of Flints. It is made of the Salt per deliquium. Or thus (as we have taught in our *Polygraphices*, Lib. 3. Cap. 29. Sect. 57.) Rx. Of pure Salt of Tartar in Powder ʒxxx. small Sand, Flints, Pebbles or Crystal, in fine Powder ʒv. mix them, and put as much of this as will fill an Egg-shell into a Crucible, set it into a Furnace, and make it red hot, and presently there will come over a thick and white Spirit: take out the Crucible whilst it is hot, (that which is in it being like transparent Glass) keep it as much as may be from the Air, beat it into Powder whilst warm, and lay it in a moist place, so dissolves into a thick fat Oil. It has all the Virtues of the Salt, and is given in the same Dose. This Oil precipitates Metals, and make the Calx thereof heavy. It is of a Golden Nature, and extracts Colours and Tinctures from all Minerals. It is fixed in all Fires, makes fine Crystals and *Borax*, and maturates imperfect Metals into Gold. 4. Cream, or Crystals of Flints. It is made of the Liquor of Flints last descri-

bed, by keeping of it a long time in a Cellar, that the Crystals may settle at the bottom very clear and transparent, while the Oil ascends and swims at the top. They have the Virtues of the Salt, and may be given to 3's. or more, being much pleasanter; they will easily dissolve in water.

3. Tincture of Flints. *Re. Of the matter (of which our latter Oyl of Flints is made) being powder'd whilst it was warm, put upon it the highest rectified S. V. (else you will do nothing) that it may cover it four Inches high, with which extract the Tincture, as you do that of Salt of Tartar: decant it, from which, if you please, you may abstract or distill two thirds of the S. V. It has all the Virtues of the Tincture of Salt of Tartar, which see in its place. But some think that these preparations of Flints are not safe, and that their use may breed Stones where there is none; because if you mix the Oil of Flints with equal parts of any other Corrosive Acid, they immediately coagulate into a Stone: But this opinion is built upon a Sandy Foundation, not Truth, as in some other place we may have leisure to explicate.*

55. *Smaragdus, Prasinus, Zamarra, Szadpaſſo*, the Emerald. It is a clear transparent Gem, of a very beautiful and glorious Green colour, and is either Oriental or Occidental. The Oriental are the harder, more beautiful and precious: found in Scythia, Egypt, and Cyprus. The Occidental are worse, being had in Peru, and several parts of Europe. The Levigated powder of it being drunk is a Specifick against

all Fluxes whatsoever, especially the Dysentery, proceeding of sharp, corrosive humours, or from some Venemous matter taken in, as Poyson, and such like. It is also good against bitings of Serpents, Mad-dogs, &c. it is an Antidote against the Plague, and all malign and pestilential Fevers. *Mylius* saith, it strengthens the Memory, and is good against the Vertigo and Epilepsie. *Isidore* saith, it has the greenest colour of all things; which is so constant and firm that it is not changed by the Shade, Light or Sun. Dose of it inwardly a gr. vi. ad x. It is also used as an Amulet to all the aforesaid intentions, chiefly the Epilepsie. Applied to the Belly it prevents Abortion; but to the Hip, it accelerates the Birth: held in the Mouth, it stops bleeding at Nose, &c. *Sal & Tinctura Smaragdi. Re. The levigated powder to which put spirit of Urine (with some slegm in it) acuated with its own Salt, or instead thereof distil water of Persicary or Poppy acuated with the said Salt of Urine; digest to extract the colour, then abstract the spirit by distillation, so have you in the bottom an extract or gray Salt, from which (without sweetening of it) with S. V. you may extract a Tincture of a wonderful delicate Green, which abstract to a due consistence. It is the greatest Specifick yet known in curing the bloody Flux, and all other Fluxes whatsoever, of which *Hartman* hath given a sufficient commendation. It helps also Diseases of the Head and Heart; 'tis good against fainting, panting of the Heart, Melancholy, swooning Fits, Megrim, Vertigo*

tigo and Frenzy. Dose à gr. vi. ad x. or xij.

56. *Smyris*, Σμύρις Λίθος, *Smyris* (a Stone which Glasiers use to cut Glas with instead of a Diamond.) It is a Stone found in the earth of *Samos*. *Dioscorides* saith it is used in Plaisters to consume and eat, as also in Denticies to dry up the moisture of the Gums. *Matthiolus* saith, the powder of it serves to polish Gems withal, and all sorts of Arms. *Galien* saith, it is absterfive.

57. *Specularis*, *Selenites*, *Alumen*, *Scaiola*, The Specular Stone. It is found in *Muscovia*, *Spain*, *Saxony*, *Turing*, and *Misnia*, is clear and bright like Crystal, and flakey. It is generally white; but sometimes of divers colours: as black, dun or horney coloured. *Casius* saith, that the crude powder is excellent against the Bloody Flux drunk in autere Wine; burnt, it is like Gypsum, and choaks fumes as take it. The said powder is good against the Epilepsy, Hemorrhoids, pissing a Bed, Fistula's, &c. It is chiefly used (as *Schroder* saith) to whiten Womens Faces, and to take away wrinkles.

58. *Spongites*, *lapis Spongia*, *Cystolithus*, Λίθος εν τοις σπυγγοις, The Sponge Stone. *Schroder* saith, it is good to break the Stone in the Reins and Bladder, and dissolves Tumors of the Kings-evil, being mixt with Sal Gem and Tartar, and drunk in a mans own Urine every morning fasting.

59. *Talcum*, *Phengites*, *Scalla Terre*, *Talk* or *Talok*. It is brought from *Muscovia* and *Venice*: and is almost like the Specular Stone, but thinner, scaly, greenish, re-

sisting the fire and fixed: That which is greenish is best. Its chief use is, for a fucus for the Face, being well prepared: of which in our *Poligraphices*, Lib. 4. Cap. 37. Sect. 1. & 5. you may see some excellent preparations.

60. *Topasis*, *Tordilis*, the *Topaz*. It is a Stone found in *Zeilan* and *Arabia*, a kind of Ruby, of which there are two several sorts, viz. The *Prasoids* and *Chrysopter*, *Aldrovandus* saith, they are of a Solar Nature, strengthen the Vital Spirits, cheers the Heart, resists Melancholy, and stop Fluxes of Blood. *Alcafor* saith, that the *Topaz* is excellent against Madnes, but it varies its Virtues, according to the variation of the Moon. It stops the Bleeding of wounds immediately if applyed. *Mylius* saith, it is good against the Dropsie and Tabes. *Paracelsus* saith, it shines in the Night; and *Serabo* saith, it is of such excellent splendor, that in the day-time it can scarcely be looked upon, exceeding, as *Berchorius* saith, all Jewels in brightness, and as *Pliny* saith, all Jewels in bigness: you may take the Levigated powder, inwardly à gr. viij. ad xvi. or you may make a Salt and Tincture as of Emeralds; or wear it outwardly as an Amulet to all the intentions afore said.

61. *Turchois*, The *Turkey Stone*. It is of a dark Sky-colour, and sometimes greenish withal, or greenish blew. *Mylius* saith, it revives the Spirits, refreshes the Heart, and strengthens the Eye-sight. If the bearer of it be not well, it changes colour and looks dim. *Ruys*

saith it is a great friend to the eyesight, comforting of it.

62. *Unicornu fossile, Cornu fossile: Ebur fossile, Ceretites lapis*, The Unicorn Stone. It is a Stone of the colour, smoothness and form of a Horse, found in *Germany, Moravia, Silesia* and *Saxony*. It has been often found so great and thick, as could never be produced from an Animal; sometimes soft, sometimes hard, but always stony (yet softer within than without) brittle, close, without pores, sticking to the Tongue, and of a pleasant scent. It is dry and binding, good against Fluxes of the belly, Gonorrhæa, Whites, Hæmorrhage, Piles, Fainting, Sounding and the Falling-sickness. It cicatrizes Ulcers, and in Collyries helps Rheumatick Eyes. *Aldrovand* saith, that the powder given *ad ʒi.* or *ʒiv.* in Wine, expels Poyson, is Cardiack, provokes Sweat, and drives the Malignity outward. Some say, it has the Virtues of the Earth of *Lemnos*.

Certain Preparations of CORAL, PEARL and TALCK.

I. Of CORAL.

63. Prepared Coral,

It is done by beating in an Iron Mortar, then levigating of the powder on a Marble, adding a little Rose-water, till it becomes impalpable, and then making it up into little balls.

The Vertues you may see, *Lib. 1. Cap. 4. Sect. 179.* of this Dispensatory. Dose *ʒi.* *ad ʒi.*

64. To Calcine Corals.

It is done either by Fire or by Corrosion: that by fire is either Gentle, Violent or resinctory.

The Gentle, is done by a Reverberating fire of the second Degree, lest the colour should exhale. The Violent, is done by a Reverberating fire, first Gentle, and then gradually increasing the heat, till the whole body of the Coral is become spongy and light, which it will be in about three days. The Resinctory thus: heat the Coral red hot, quench it often in distilled Vinegar to dissolve it, then filter and abstract, so have you Salt of Coral, to be dissolved *per deliquium*. The Corrosive Calcination is either by Niter or Sulphur. That by Niter is thus. R. Coral, Niter powdered apart, ana. mix and Calcine either in a Crucible or Tubulated Retort, first heat red hot, having also a Receiver fixed to it: cast the matter in gradatim, presently stopping the Tube; and when all the matter is cast in, stop it quite up, Calcining with a Constant fire for a Day and Night, with this *Hartman* made a Tincture. That by Sulphur thus. R. Coral, Niter powdered apart, ana. Calcine with a circular fire for about two hours: Then cast all red hot into distilled Vinegar, (*ʒi.* of the matter to *ʒij.* of Vinegar) stop the Vessel, digest 20 days and extract.

65. To dissolve Corals.

They are dissolved by distilling Vinegar, juyce of Barberries, Melons, Citrons, Spirit of May-dew acuated with its own Salt, Tears of the Birch-tree, Spirit of Honey, Vitriol, Sulphur, and S.V. acuated with the same, Flegm of Lead, burning Spirit of Coral; and fair water also, if the Coral be Calcined with Sulphur: The

The precipitation is done with Oyl of Tartar, Vitriol or Sulphur, theedulcoration with fair water.

66. *Corallium Vitriolatum*, Vitriolated Coral.

R. *Lævigated Coral*, Spirit of Vitriol. A. ℥ij. Rose-water ℥vj. mix them in a Crucible, and let them boyl for a season: when the ebullition ceases, digest a few hours in B.M. then decant the inspid water, so have you a harsh white Calx, without sharpness.

The simple lævigated powder much exceeds this in Virtue, and far more excellently destroys acidities.

67. *Sal Coralliorum*, Salt of Coral.

Dissolve red Coral in Spirit of Vinegar, or juyce of Barberries and Lemons, or sharp Spirit of Gunjacum, Spirit of Versolor or Spirit of Salt, or S.V. acuated with Spirit of Vitriol, or Salt, digest a while, then filter and abstract.

Here is to be noted, 1. That if you use the Solution without separation of the Menstruum, it ought to be circulated a while, to lose its Acrimony. 2. Some take juyce of Lemons purified ℥ij. Liquor of the Birch tree, gathered in April ℥xij. mix and boyl to the consumption of ℥x. to the remainder and juyce of Lemons ℥ij. distil often and rectifie: in this Hartman dissolves Coral, Pearl, &c. and gives the Solution. 3. Paracelsus first calcines gently in a Reverberatory with Niter, ana, then dissolves by digestion in S.V. after abstracts the S.V. and dissolves the Salt per deliquium. It cures Heart burnings, Faintings, Soundings, Fevers, and all malign Distempers;

Dose à gr. x. ad xx. of xxx. See the rest of the Virtues, Lib. 1. Cap. 4. Sect. 179. Note, some dissolve with Spirit of Sulphur.

68. *Sal Coralliorum dulce*, sweet Salt of Coral.

Calcine it in a Posters Furnace for two days till it is white; Dissolve in distilled Vinegar, in a warm place for 8 or 10 days, so have you a red solution: abstract with a gentle fire to dryness, then dissolve often in Maydew, filter and coagulate to dryness, which digest a Month in hot ashes till it is sweet.

It has the Virtues of the former Salt. Where note, that if the distilled Vinegar be three times cohobated upon the Herb Kali, it will be less biting, yet strong enough to make the dissolution.

69. *Liquor Coralliorum*, Liquor of Corals.

It is made of the Salt per deliquium, in July or August, for then it melts best. Or thus. R. Coral in powder ℥ij. *Lapis prunelle* ℥ij. calcine them three hours, then beat it and melt per deliquium: Or thus: Digest the solution of Coral 20 days, or till it turn red, then add distilled Vinegar, and purge the Salt by many solutions and coagulations; lastly circulate with S.V. till it comes to an Oyl.

This has all the Virtues of Coral, besides which it is powerful against the Stone. Dose à gr. v. ad gr. xij. or xv.

70. *Magisterium Coralliorum*, Magistery of Coral.

Dissolve lævigated Coral in Spirit of Radicate Vinegar, that it may overtop it the breadth of three or four fingers; digest in ashes, then

E e 4 decant

decant the solution, putting on more Vinegar, till the residue is dissolved. filter and with Oyl of Tartar per deliquium, precipitate, so will a white powder fall to the bottom, which sweeten by washing with Cordial waters and dry.

Here is to be noted, 1. That some use Spirit of Sulphur to make the dissolution, because it dissolves in less quantity, for less charge, in less time, and performs the work better. 2. That the difference between the Salt and Magistery is this: The Salt is the Calx of Coral impregnated with some of the acid Spirits of the Menstruum, incorporated in it by Crytallization. The Magistery is the said Calx freed from the said acids by washing: hence it is that the Salt is a little acid, the Magistery inspid. The Magistery of Coral is reported to have the Vertues of Coral; but simple levigated Coral is an hundred times before it. For the Vertue of Coral is to destroy acids and unnatural ferments (which are the cause of most Diseases:) if once its alkalious matter be satisfied, and weakned by an external agent, before it comes within the Body, Reason tells us it will be impossible for it to act at all within; a thing can be but full, and being full twill hold no more: Therefore I advise rather to the crude levigated powder. Note, That Radicate Vinegar is that which is distilled with Bay-salt in sand.

71. Flores Coralliorum, Flowers of Coral.

Dissolve Coral in distilled Vinegar and digest it 40 days then ab-

stract the Menstruum, and with a stronger fire force up the flowers: they are also made by sublimation with Sal Armoniack, which wash and sweeten.

They are nothing but Coral purged, and have the same Vertues with the levigated powder.

72. Oleum Coralliorum cum Succino, Oyl of Coral with Amber.

R. Red Coral levigated ℥ij. Amber ℥ij. mix them and distil in a Retort: so will the Amber draw the Tincture of Coral like Blood, leaving in the bottom a white powder.

It is an excellent thing against all Diseases of the Head; as the Megrim, Vertigo, Falling-sickness, Apoplexy, Convulsion, &c. given a gr. iv. ad viij.

73. Spiritus & Oleum Coralliorum, Spirit and Oyl of Coral.

R. Salt of Coral purified by distilled Vinegar, and impregnated with distilled Vinegar till it will hold no more: Digest this impregnated Salt 20 days in B. M. then distil by a Retort in a close Reverberatory, or dry both, to evaporate the slegm, then in a large Receiver take the white spirits by themselves, continuing the fire, till the rest of the spirits come forth, blood red like Oyl, separate the spirit by a Retort from the Oyl which will remain in the bottom blood red. When the spirit of Vinegar is abstracted as sharp as it went on, it is fully impregnated.

It is a burning Spirit, and compound of Vinegar and Coral, serving to extract the Tincture of Coral with, as we shall hereafter teach.

74. Spi-

74. *Spiritus Coralliorum Compositum*, Compound Spirit of Coral.

Rx. Salt or Magistery of Coral ℥vi. Terra Sigillata ℔i. imbibe them with the aforesaid Oyl of Coral, enough to make them into a paste, of which make Balls: dry, and distil by a Retort as you do Spirit of Salt; then rectify it.

It cures the Scurvy, Stone, and Gout, and opens all manner of Obstructions.

75. *Syrupus Coralliorum*, Syrup of Coral.

Dissolve powder of red Coral of depurated juyce of Barberries or Lemons 4 or 5 Inches above it; then take off this solution (which is the Essence of Coral) p. ij. white Sugar, or Sugar-candy p. j. mix and boyl to a just thicknes.

The Syrup cools and recreates the Spirits, powerfully restoring in Consumptions, and Hectick Feavers; it stops Fluxes of all sorts, as the Bloody Flux, Whites, Terms, Gonorrhæa, spitting of Blood, &c. It also rectifies Diltēpers of the Head, cures Apoplexies, Epilepsies, Convulsions, &c. Dose a Spoonful Morning and Evening. But here is to be noted. 1. That some make the solution in sharp Spirit of Juniper or Guajacum. 2. That the dissolution ought to be made in a Glas close stoppt in the heat of a Bath. 3. That if any of the Coral remains undissolved, you ought still to put on fresh juyce. 4. That *Quercetan* (after the Sugar is mixt with the Solution) perfects the Syrup by Evaporation in B.M. (for 12 hours) till it is thick as Gew, lest the dissolved Coral should be separated from the Menstruum. 5. That after this

manner you may make Syrup of other precious Stones.

75. *Syrupus Coralliorum Mayherni*, Dr. Mayherns Syrup of Coral.

Rx. Levigated powder of red Coral ℥viii. depurated juyce of Lemons ℥xxiv. Vinegar of Oak ℥xii. digest in B.M. ten days, stirring it thrice a day, then filter: Rx. Of this Solution ℥xx. depurated juyce of Barberries ℥x. Tincture of Roses ℥viii. Sugar ℔iii. mix and boyl them gently to a Syrup, infusing therein whilst boyling yellow Sander ℥ls. Wood of Aloes ℥i. Ambergrise ℥ls. Musker. xij. eyed up in a fine thin rag.

It restores excellently in Consumptions, cures the *Diarrhæa*, *Dysenteria*, *Lienteria*, &c. and has all the Virtues of Coral and of the former Syrup. Dose ℥i. Morning and Evening.

77. *Essentia Coralliorum*, Essence of Corals.

Rx. The pure Salt or Magistery of Coral, Volatilize it by digestion in S.V. and distil (as we shall hereafter teach) then abstract the S.V. in a gentle B.M. so have you the Essence of Coral, which if you so please, drive through a Retort in Sand.

Here is to be noted. 1. That if you impregnate S.V. with Camphir (℥ls. to two quarts) it will the better carry the Essence of Coral through the Alembick. 2. That some dissolve and digest first with Spirit of Vinegar, abstracting and dissolving again; then with distilled Rain-water newly fallen; and lastly with S.V. 3. That Salts of Stones are Volatilized by many dissolutions,

conglutinations, and digestions in Horfe-dung with Spirit of Wine, or other Spirit for fourteen or 20 days, and distilling often by a Retort; for after every Putrefaction some of the Salt ascends with the Menstruum. It has all the Virtues of Coral, but here they are much more exalted. Dose \dot{a} gut. vi. ad xvi.

78. *Magisterium à Corallis Quercetani*, Quercetans Magistery of Coral.

Dissolve it in Spirit of Salt of Niter, or Spirit of Niter, and put to it distilled water: precipitate with Oyl of Sulphur, edulcorate and dry.

Where note, 1. That some do it with A.F. of Salt and Allum. 2. That thus you may make Magistries of Pearls, Bones, Harts-horns, Hoofs, Shells, &c. 3. Some do it in Magick Spirit. *viz.* Spirit of May-dew, or distilled Vinegar, then precipitate with Oyl of Sulphur *per campanam*. Lastly, digest with S.V. and abstract: so is there a Butter like Magistery, which will melt in the Mouth, and thus the Virtues of the Coral are preserved.

79. *Tinctura Coralliorum Hartmanni*, Hartmans Tincture of Corals.

R. Red Coral Levigated, put to it the burning Spirit of Coral at Sect. 73. foregoing: digest till it extracts a most red Tincture; if you free it from the Menstruum, and digest with S.V. by Cohobation, you have the Volatile Tincture of Coral of a sweet taste and fragrant smell. Or thus, according to the same Hartman. R. Calined Coral, cast into S.V. highly rectified, or Spirit

of May-dew, and in a short time there will be a Tincture, (the faces remaining without any Virtue) coagulate it, and it will be very red, and a little sweet.

These Tinctures; (especially the latter) are so strong and powerful, that they take away all Impurities from the Blood whatsoever, are great Cordials, and of wonderful Virtue against all Diseases proceeding of Putrefaction, being used for some days: Schröder saith, that being used it is impossible that any impurity should remain in the Blood. Dose \dot{a} gut. iii. to x. I have given gut. xij.

80. *Tinctura Coralliorum Closseti*, Tincture of Corals of Closset.

R. The Solution of Coral in Oyl of Salt, abstract the Oyl with a strong fire to separate the Spirits from the Calx: put to it Spirit of Vinegar of young Oaks cut in March, so will it extract a Tincture of a Hyacinth colour: abstract the Vinegar, and circulate with S.V. Digest and decant the Tinctured S.V. from the feces, then filter and abstract the S.V. to the half: so have you a strong Tincture, yet but in small quantity.

It has the Virtues of Coral, and of the former Tincture: especially of great force against Convulsions and the Falling-sickness. Dose \dot{z} s alone.

81. *Tincturina à Corallis cum Spiritu mellis*, Tincture of Coral with Spirit of Honey.

R. Calx of Coral made with Niter, put to it Spirit of Honey, digest, decant the Tincture, and abstract in B.M. till a thick water remain

at botcom, sweeten it, and with S.V. extract the true Tincture of Coral.

This is Hartman's Tincture and has the same Virtues with those at Sect. 79. Dose à gr. iv. ad xij.

82. *Tinctura Coralliorum Composita*, Tincture of Gold Compound.

Calcine Coral with Salt of Tartar, from whence extract the Tincture with S.V. as you extract the Tincture of Salt of Tartar.

It opens all Obstructions, breaks, dissolves and expels the Stone, and cleanses the body of all impurities. Dose à gut. iv. or xvj. in Canary.

83. *Tinctura Coralliorum Agricola*, Tincture of Coral of Agricola.

Rx. Calcine Coral, to which put the flegm and sharp Spirit of Lead: digest in a close glass Vessel, till the Menstruum is red: abstract in Balneo Vaporis; then digest in S.V. and force it through a glass Retort; so have you a blood red Essence of Coral: lastly, abstract the S.V. to a due consistence.

It is a good Cordial and Cephalick, good against most Diseases of the Head, Stomach and Heart: it nourishes the natural Balsam, cures the Falling-sickness and Convulsions, and is said to be given to children against Frights. Dose à gr. iij. ad vj.

84. *Tinctura Coralliorum Fabri*, Fabers Tincture of Corals.

Rx. Coral in powder, mix it with Sal Armoniack, and sublime, then extract the Tincture with S.V.

It has the Virtues of the Compound Tincture, 2. Sect. 2. afore going. Dose ʒj. or more.

85. *Tinctura Coralliorum Maxij*,

Maxy his Tincture of Corals.

Rx. Rectified Spirit of Canary, Spirit of Viniol rectified, ana, digest and distil in an Alembick in Sand, first with a gentle fire then with a stronger, that they may ascend and pass together, reiterate this thrice then Circulate for forty days, so have you a pleasant Spirit of a sweet scent and taste: in this Menstruum digest Salt of Coral, till the Tincture is extracted, decant, filter, and abstract.

The Old Man told me it was a most noble Tincture, and inferior to none, containing all the Virtues of Coral exalted. Dose gr. xij.

86. *Tinctura Coralliorum cum oleo Citriorum*, Tincture of Coral by Oyl of Citrons.

Digest powder of Red-Coral in Oyl of Citrons, till it extracts the Tincture: draw off the Oyl, and with rectified Spirit of Wine or the former Menstruum extract again.

It is given to cleanse the Blood of all Impurities.

87. *Tinctura à Corallijs Basili*, Basils Tincture of Coral.

Rx. Salt of Coral made with Spirit of Salt edulcorated ʒviij. Sulphur ʒls. mix and calcine gently till the Brimstone is consumed: then beat the Calx with a little Camphir, fire it again, and edulcorate: Lastly, with S.V. extract the Tincture, and abstract gently to the thickness of Oyl.

Besides the Virtues of Coral, it cures Madness and Melancholy, and wonderfully purifies the blood. Dose ad gut. xij.

88. *Tinctura Coralliorum Quercetani*, Tincture of Coral from Quercetani.

Make

Make a Spirit of May-dew and Manna or Honey-dews, in which digest Coral calcin'd with a gentle fire in a luted Vessel, so that the Menstruum may be eight Inches above the Calx; abstract the Menstruum, and the Tincture will be at bottom. Or thus: R. The Magistery of Coral, digest it in a luted Vessel in Sand or Ashes in S. V. rectified, separate and boyl it to a Tincture.

89. *Acetum Coralliorum*, Vinegar of Coral.

It is drawn in a luted Retort from powder of Coral, first with a gentle fire, then with a stronger.

With it you may draw a very excellent Tincture of Coral, either Calcin'd, or Crude.

90. *Tinctura Coralliorum ex Cera*, Tincture of Corals made with Wax.

Cast into melted white Wax the best red Coral beaten into bits, so as the Wax may overtop it two Inches; keep them over the fire (that the Wax may be melted) for two days or more, so will the Salt extract the red Tincture leaving the Coral white, which take out, and put in other red Coral to the same Wax, digesting as before; so will the Wax be redder: then cool it, and cut it into small bits, which digest in S. V. so much as to cover it three Inches high; let it stand till the S. V. is tinged, and the Wax becomes whiter: filter the Liquor, to separate it from the Wax: to the filtered Tincture, add trebble quantity of Water, so to weaken the S. V. that it may let fall what Wax might be dissolved in it: then filter again, and abstract three quarters of the

humidity, so will the pure Tincture remain red as blood.

It is an exceeding great Cordial, revives the Spirits and takes away Melancholy, expelling Noxious humours by transpiration and Urine: it cures Diseases of the Head, helps Apoplexies, Convulsions and Pestilential Fevers. Dose à gut. x. ad xx.

OF PEARL.

91. Prepared Pearl.

Colledge.) Beat them in a Steel or Iron Mortar, and Levigate them on a Marble, with a little Rose-water, till they are in a fine powder, then make them into balls.

Salmon.) It has only the Virtues of Crude Pearls.

92. *Sal Perlarium*, Salt of Pearls.

It is wholly made as that of Coral at Sect. 67. by dissolving in Spirit of Vinegar juyce of Lemons or Barberries, &c. filtrating and inspissating.

Paracelsus saith, that Pearls have a wonderful Operation, not from Art but Nature. This Salt is a great Cordial, good against all Malignant Feavers, Small-Pox, Measles, Obstructions of the Spleen, Melancholy, Vomiting, Consumptions, &c. Dose à gr. x. ad ℥j.

93. *Sal, seu Magisterium Perlarium Riverij*; Salt or Magistery of Pearls of Riverius.

R. Levigated Pearl, make it into a paste with juyce of Citrons or Oranges; after a few days, dissolve it in Spirit of Vinegar: decant the Vinegar, and mix it with one third

of Rain-water; distill in Sand, first with a soft fire, then with a stronger; put the distilled water upon the Caput Mort. Then dissolve again and filter; Lastly, evaporate gently; so have you the Salt or Magistery of Pearl.

It has all the Virtues of Pearl, besides which it is said to be a great preservative from the Gout, Dose ʒi.

94. *Magisterium Perlarum & Coralliorum Commune*, The Common Magistery of Pearl and Coral.

Colledge.) R. Pearl and Coral as much as you will, Lavigate it into very suble powder, to which put such a quantity of Radicate Vinegar, that it may over-top it the breadth of three or four fingers, digest it in Ashes, till it is dissolved, then pour off the Liquor, and put in fresh till the residuum be dissolved, filter it, and put a little Liquor of Tartar to it, so will a white powder fall to the bottom of the Glass, which being separated from what is dissolved, is to be washed, first with Spring-water, then with Bawm or Borrage-water.

Salmon.) Though the Colledge advises to make the dissolvent of Vinegar, yet we know by experience that Juyc of Lemons or Spirit of Sulphur, dissolves them much better and easier: and ʒij. of Spirit of Sulphur will dissolve more than ʒxxij. of distilled Vinegar; besides it is much more Cordial and Pectoral. 2. That though some advise to the Spirits of Niter, Vitriol or Salt; yet they are too corrosive for this Operation, by reason the Magistery would be difficultly sweetned; the same

understand of Oyl of Tartar per deliquium: besides Spirit of Vitriol would black the Magistery, and Oyl of Tartar would make it rough in feeling, 3. That being precipitated with an Acid, you need not put your self to the charge of Oyl of Tartar, fair water is sufficient to weaken the Menstruum, to let the precipitate fall. 4. That if you dissolve with Spirit of Sulphur, the water of the first sweetning will have the smell of Ambergrise, for Pearls opened by that Spirit have such a smell. 5. What Radicate Vinegar is you may see, lib. 1. cap. 9. sect. 1. and sect. 70. of this Chapter at the latter end of it. 6. That you may make a Butter like Magistery as you do of Coral at sect. 78. This Magistery of Pearl, is a great Cordial, good against all manner of Malignant Fevers, as Measles, Small-Pox, Plague, and other Pestilential Distempers; it eases pains of the Spleen, cures Consumptions, Palpitation of the Heart, Vomiting, want of Appetite, and heat-burnings, proceeding from sharp and acid matter lodging in the Ventricle. Dose ʒ 3ss. ad ʒi. Outwardly some use it as a Fucus for the Face mixt with Pomatum. See our Polygraph. lib. 4. cap. 36. sect. 6.

95. *Liquor Perlarum*, Liquor of Pearls.

It is made per deliquium, as that of Coral.

The Virtues are the same with the Salt and Magistery.

96. *Flores Perlarum*, Flowers of Pearl.

They are made as those of Coral: Hart-

Hartman sublimes after Solution in Spirit of Saturn.

They have the Virtues of the Levigated Powder.

97. *Arcanum Perlarum*, A Secret of Pearls.

From the Levigated Powder of Pearls extract a deep Tincture with rectified Spirit of Guajacum: the powder remaining calcine gently, and extract from it again two or three times with fresh Spirit of Guajacum. Calcine it again stronger, and extract once more: Put the Tinctures together, and abstract in B.M. till the outsides look of divers colours and the flegm is evaporated, so have you remaining the Arcanum of Pearl, joyned with the Spirit Guajacum, which are somewhat difficult to separate.

It is a great Cordial and Restorative, it cleanses the Blood, and is good against the Poyson of the French-Pox. Dose \dot{a} gut. viij. ad xvj. This Arcanum dissolved in Bawm or Angelica water, turns of a red colour and delicate taste. See our Polygraphices, Lib. 4. Cap. 37. Sect. 14.

98. *Spiritus Margaritarum*, Spirit of Pearl.

It is made of the Salt or Magistery with Terra Sigillata, as you make Spirit of Coral.

It is a great secret and Anodyne against all manner of pains, especially those of the Gout. Dose ad \mathfrak{d} .

99. *Tinctura Perlarum Libavij*, Tincture of Pearls of Libavij.

Dissolve Pearl in Spirit of Salt, decant; and abstract, to the thickness of a Cataplasma; wash it with Bawm water, circulate it for six

weeks with S.V. then abstract in a gentle B.M.

It is Cardiack, Alexipharmick, Analeptick, and Anodyne. Dose \mathfrak{z} ss.

100. *Essentia Perlarum*, Essence of Pearl.

Dissolve Pearl in Spirit of Vinegar, and make a Salt, which purify by many Solutions (in Spirit of Vinegar) and Coagulations, casting away the feces, till the Salt is clean without feces: then dissolve in May-dew, or Rain-water, and abstract by distillation so often, till the Salt is sweetened: then digest it in a close Vessel ten days in B.M. putting rectified S.V. two Inches over it: so will it ascend like an Oyl, to the top, which take off carefully, adding fresh S.V. which repeat so oft as any Oyl will arise, viz. till nearly all the Salt is turned to Oyl: Circulate this Oyl with fresh S.V. for ten days, then in a gentle B.M. separate the Spirit, keeping the Oyl or Essence for use.

This Oyl is inferiour to no Cordial, it strengthens the Heart, fortifies nature, revives all the Spirits, Natural, Vital and Animal, and creates all the natural powers: it is Anodyne and Analeptick, restoring in Consumptions: outwardly it's one of the rarest Cosmeticks yet known in the World; if the Skin be clean, and if it be well laid on, it will lye about thirty days, nor in that space of time need it be renewed. Dose \dot{a} gr. viij. ad gr. xvj.

III. OF T A L C K.

101. To make Talk into a fine powder.

R. Venice Talk \mathfrak{z} vj. powder it grossly

grossly between your fingers: put to it of River Pebbles (about the bigness of horse beans) lbvj. put all into a white leather bag (made of Calves Skin, the grain side inward) gathered at both ends, shake it continually together (as Pin-makers do when they whiten their Pins) for about an hour or two, then take it out and searce it, putting what would not go through the Sieve into the bag again, and shaking it as before, then searching again, & repeating this work, till all the Talk be reduced to a soft impalpable powder.

By this way it will be both finer and whiter than it can be by beating in a Mortar, or long calcination in a violent fire. It is the purest of any Fucus, and may be applied to the Skin without Pomatum; for it sticks to the Pores and penetrates them, by reason of its fineness and oleaginous quality.

102. To calcine Talck.

There are various ways of doing this, of which the following are chief: 1. Thus, Heat it red fire-hot often, quenching it in water till it falls into a most impalpable powder. 2. Or thus, R. fine powder of Talck lbj. Sulphur calcin'd with equal parts of common Sale: lay them stratum super stratum, and cement in a close Crucible red hot for half a day: then take it out and edulcorate. 3. Or thus, cast the powder of Talck into melted Silver or Copper for some hours. 4. Or thus, R. powder of Talck (beaten in a hot Mortar till it shone no more) and with equal parts of the Coals of the Tile-tree, calcine it in a Pottery Furnace for three days. 5. Or thus, R. powder of Talck p. j. Salt. p. ij. calcine four days: grind the Calx, wash, and dry: then put it into a Bag,

wrap it in Clay, and in a heap of Crude Tartar calcine it for fifteen days: Grind, and dissolve in S.V. Lastly, coagulate. 6. Or thus, R. powder of Talck, beaten in an Iron Mortar, put it into a strong Pot having a cover, which place in a Glass Furnace, and in the strongest flames for three or four days, or till the Calx be white. 7. Or thus, R. Talck beaten thin, heat it red hot, and quench it in Oyl of Sulphur, twelve or more times, till it is white as Snow; sweeten with Rain-water and dry it; then make it into balls with whites of Eggs, bury it in Quick lime in a Crucible, and calcine three days in a Glass house, or Pottery Furnace, till it is purely white. 8. Or thus, by a moist Calcination. R. Talck beaten thin, put to it Spirit of Vinegar from Spanish Wine; digest it in the Sun, or in Horse-dung for forty days, adding every day new distilled Vinegar, till the Mass is mucilaginous.

103. Liquor Talci Clessai, Liquor of Talck.

R. Powder of Talck (made by Sect. 101. or by rubbing it with Pumex Stones, or beating it in a hot Mortar, or filling it with a Goldsmiths smoothing file) ℥viij. Salt of Tartar ℥xvj. mix and calcine twelve hours in a wind furnace, set in a Celler to melt, separating that which melts from that which melts not: that which melts not mix with four times its weight of Sal Niter, and calcine again with a strong fire, so the Talck will be melted into a clear white Mass, which will per deliquium turn to a clammy Liquor.

This exceedingly whitens, and beautifies the Skin, and takes away

away Spots and Freckles from the Face, but you must not leave the liquor long on, but wash it off with decoction of Wheat-Bran, lest it should corrode the Skin. See Polygraph. lib. 4. cap. 37. sect. 1.

104. *Oleum Talci Compositum*, Compound Oil of Talc.

R. *White Tartar* ʒxx. Talc, Salt, A. ʒx. mix and calcine in a Potter's Furnace very well: then grinding the matter upon a Marble, set it to melt per deliquium for 20 or 30 days, so have you a precious Oil.

It has the Virtues of the former, and being rubbed upon the Skin softly with a linen Cloth, the Skin being first duly cleansed, takes away all kind of Spots, and makes the Skin soft and delicate.

105. *Oleum Talci Hartmanni*, the Cosmetic of Hartman.

R. Talc calcined by Spirit of Vinegar, and brought to a Mucilage, (by Sect. 102.) distil it by a luted Retort, and large Recipient, on a naked Fire; so have you first Spirit of Vinegar, then a white Oil, which separate.

Wash the Skin first with the Vinegar, then anoint with the Oil: It is reported, that if the Face be well cleansed, the Oil will stay on a month.

106. *Cremor Talci Coffæi*, Cream of Talc.

To Powder of Talc, put Spirit of Vinegar, boil it at a soft Fire, in a wide-mouthed Glass, till a fat froth rises, which take off with a Spoon: boil till the Vinegar (which is mixed with the Cream) is evaporated, then dissolve the Cream with flegm of common Salt, or mix it with Potassium.

It takes away Spots, Freckles,

Sun-burning, and Tawniness, and very much whitens the Skin.

107. *Arcanum Talci cum Camphora*, the Secret of Talc with Camphir.

R. Powder of Talc ʒi. Oil of Camphir ʒi. digest till the Oil is white.

It is a noble Fucus for Womens Faces.

108. *Oleum Talci per deliquium*, Oil of Talc per deliquium.

R. Talc twice calcined, extract with Spirit of Vinegar, filter and coagulate; then sweeten, and set it in a Cellar to dissolve: which you may circulate with S.V. and abstract by Cohobation.

It takes away Spots, Marks, and discolouring of the Skin, and smooths it.

109. *Tinctura Talci*, Tincture of Talc.

Digest Powder of Talc in Philosophic Spirit of Vitriol (at Sect. 91. of Cap. 11.) in Horse-dung for four Months, so the Talc will be dissolved, and send an Oil to the top: to this put S.V. digest and abstract by many Cohobations, till it passes through the Alembic. Or thus: Extract calcined Talc with Spirit of Salt which is green; decant, abstract, and cohobate so long till a red Tincture will come over the beam.

It is an Antidote against Poyson, Plague, and all sorts of malignant Fevers: it is both a Remedy and Preservative: Dose a gr. iv. ad vj. or viij. every day. Agriest and Schroder says, that red Talc is best to make this Tincture of.

110. *Magisterium Talci*, Magistry of Talc.

Digest powder of Talk in Spirit of Vinegar four days: cast it upon melted Lead, calcining it, till it is white: then dissolve in spirit of Vinegar, and abstract the spirit: dissolve again in distilled water,

(which repeat often) separating it from the faces: lastly, precipitate with spirit of Vitriol, edulcorate and dry it.

It has the Virtues of the Oyl at Sect. 108.

C A P. XIV.

Of EARTHS and WATERS.

1. **A** Lana terra, Tripolis, Tripola, Exbebenus, Alanian Earth. It is yellow, and a kind of Okar used to mix with Salts to distill Spirits and keep the matter from lying. Aldrovandus saith, It is used instead of Lapis Samius, by Goldsmiths, to cleanse their Gold and Silver.

2. **Ampelitis Terra, Pharmacitis, Ἰν ἀμπελίτις**, Ampelite Earth. It digests, mollifies, and helps malignant Ulcers, as Aldrovandus saith. Galen saith, It is used to prevent Worms. Celsus saith, It dissipates and refrigerates. The best is black, equally shining, and easily dissolved in Liquor.

3. **Arena, Sabulum, Ἰν ἀμμοῖς**, Sand. Galen saith, That of the Sea shore is absterfve, and helps the Dropsie being covered herewith; it is cold and discutient tumors by repulsion.

4. **Bolus Armenus, Bolus Armena, ὁ ὀριενταλὶς Gleba**, Bole Armeniack. It is so called because it comes from Armenia; but it is

also found in Germany. Schroeder saith, It is a pale red Earth, impregnated chiefly with Iron Vapours. It is very dry, astringent, and strengthening; good to stop Fluxes, thicken humors, resist Putrefaction, expel Poyson: and therefore is excellent against the Diarrhoea, Dysentery, Flux of the Terms, Catarrhs, Spitting Blood, Bleeding at Nose, and Wounds, &c. often used outwardly in strengthening Cataplasms, and binding Powders. The best is that which is free from Sand, clear and smooth; being tasted, sticks to the Tongue, melts in the Mouth like Butter, and when moistned does bubble. Galen saith, It helps putrefying Ulcers of the Mouth, Ulcers in the Tabes, and Pestilential Diseases, drunk in Wine.

5. **Cimolia, Terra Saponaria, Creta Cimolia, Σμερτις, Ἰν κίμωνία**, Fullers Earth; It is cleansing and discutient, and refrigerates, digests, and works according to

the

the nature of the thing, with which it is mixed. Applied with Oxycrate, it is very good against Burns and Scalds. *Diocorides* saith, that both the white and purplish help Swellings behind the Ears, and other knots, tumors in the Testicles, and other Swellings; as also St. Anthony's Fire. The best is the cold and fat, which is good against the Gout, Achores, and falling off of the Hair.

6. *Creta, Terra Cretica*, Κρήνη, Chalk. It is dry, absterfive, emplastick, binding, anodyne; and good against Heart-burnings. Outwardly it dries up Wounds and Ulcers. *Aldrovand* saith, it is a little binding and alexipharmic; used in Milk, it kills Worms in Children. It is called *Creta*, from the Island *Candy*, but there is much of it in many other parts; it is a noble earth, hard and white.

7. *Eretria Terra, Creta Eretria*, Ἐρετρίας Τῆν, Earth of Eretria. It is almost of the nature of the *Samia*, but more binding than *Lemnia*: some wash it once or twice to make it more gentle; others calcine it, that it may be more subtil, sharp, and digesting, after which if it be washed, it is much more effectual to fill and cicatrize Wounds. The best is that of an Ash-colour, the other is white. *Diocorides* saith, it cools, binds, and gently mollifies, fills hollow Ulcers, and conglutinates Wounds. *Hippocrates* says, that applied moist to the Breast in an *Eripyema*, it shews the place of Section, by drying there first.

8. *Japonica Terra, Terra Japonica*, *Causchu*, Japonian Earth. *Schreder* saith, it is an outlandish

Earth, of a purple colour, with white Spots as if mouldy, very sharp in taste, melts in chewing, leaving a sweetness behind it. It is drying, and held in the mouth; it dries up Catarrhs, and strengthens the Head.

9. *Lutum, Argilla, Terra Figulina*, Ἀργίλλος, Clay. *Avicenna* saith, that all sorts hereof are cold, drying, binding and absterfive, good against Ulcers, of thin parts, sharp and discutient: If washed, they lose their Acrimony, but dry more, and are therefore better to incarnate and cicatrize. Applied to the Temples with Vinegar, they stop bleeding at Nose (so also Pole) and ease Pains.

10. *Marga, Creta Fossilia*, Μάρμα, Marle. It is a kind of fat, or marrow of the Earth: it dries, binds, and heals; and, as *Schreder* says, resolves Tartar, and coagulated Blood, given inwardly. *Gesner* saith, there is a sort which is called *Lac Lima*, is very good to dry up Ulcers, and stop a Hæmorrhage: taken inwardly in any Liquor to ʒi. it increases Milk in Nurses.

11. *Ochra, Salsitruoj*, Ὀχρὰ, Oker; it is a yellow hard Earth, good against Bubbles, and to discuss hard Tumors, used in a Cataplasma; it also dries, binds, discusses, and repelleth Excreencies. *Diocorides* saith, it breaks the Tophæ, or Nodes of the Joints. *Fallopins* saith, it is deterfive, and that which is taken out of Brass, or Copper Mines, is Caustic: There is a factitious sort (made of Lead) used by Painters.

12. *Prigitis, Suffocativa Terra*, ἡ ἀνίγινος, Black Earth. It is sharp, astringent; cleansing and cooling; like in virtue to Fullers Earth, but weaker.

13. *Rubrica, Sinopis, Miltos, Magra, Mix* ♂, Rubric, or Red Oker. Schröder saith, it dries and binds, and is chiefly used in drying, and vulnerary Plaisters. Taken inwardly, *Dioscorides* saith, it binds the Belly, taken in an Egg or a Clyster: the best is without Stones, heavy, thick, and of one colour: It is used by Painters and Carpenters to make red Lines with. *Hippocrates* saith, it is good against Burnings; and, according to signature, helps the Liver, as appears by the colour.

14. *Selenusia Terra, Creta Selenusia*, ἡ σεληνυσία, Selenuntine Earth. It is cleansing, and used by some as a Cosmetic to help Vices of the Skin. The best is white, shining and crumbling; it gently dries, and is therefore good against Ulcers. *Aldrovand* saith, it is Alexipharmic, and not inferior to *Terra Lemnia*.

15. *Terra Chia, ἡ Ἰχία*. Earth of Chios: It cleanses the Skin, and takes away wrinkles, causing of it to shine. *Galen* saith, it has the virtues of *Terra Samia*, and is used in Ba's to cleanse. The best is white, or of an ash-colour, and is found in the Isle of Chios in the *Aegean Sea*.

16. *Terra Lemnia, Sigillum Lemniun*, ♂ *Sphragis, Milton Lemnia*. Ἀσπυρία ἡ Ἰν, Earth of Lemnos. *Dioscorides* saith, it is drying, and alexipharmic, being an Antidote against Poyson, and venomous Wounds. It stops Fluxes, and cures the Dysentery, so also given in a Clyster. *Aldrovand* saith, it is good

against pestilential Fevers; washt in Wine, it conglutinates green wounds, and stops spitting of blood and vomiting. *Galen* saith, injected with juice of Plantane, it helps putrid Ulcers.

17. *Terra Melia, Terra Melitenfis, Melina*, ἡ μελίνα, Earth of Melos. *Dioscorides* saith, it is aluminous and cleansing. It gently dries, and causes a good colour: It helps the Leprosie, and takes away Freckles: some say, it is as good against Fevers, Fluxes, and Worms, as Earth of Lemnos. The best is that which is fresh, soft; brittle, clean, and easie, to dissolve in Water; Painters use it to preserve their Colours; and *Chyrrurgions* to put into their green Plaisters: It is called sealed Earth of St. Paul.

18. *Terra Samia, Saella Samia, Syropicon, Collyrion Caeji*, ἡ σαμία, Earth of Samos. It is cold, astringent, and repercussive, more spirituous than that of Lemnia, most used against spitting of Blood, Dysenteries, and Womens Fluxes. The best is the white, light, soft, juicy, and brittle: with juice of Plantane it cures Ulcers with Inflammation; the Paroides and Cæliac. With Oil of Roses, it helps hot Phlegmons, Bubō's, Running Gouts, and mitigates Pain, as also the inflammation of the Testicles. Drunk, it helps the Biting of Serpents, and other venomous Beasts, and is an Antidote against Poyson.

19. *Terra Stringensis*, Earth of Striga. It is called the Marrow or Auxungia of Gold, because it is impregnated with the Sulphur of Gold: There is another sort

called *Lignicensis*, white, red or ash-coloured, this is called the *Auxungia* of Silver because it is impregnated with the Sulphur of Silver. The first of these is good in Diseases of the Heart: The latter in Diseases of the Liver, that being best which is ash-coloured: They both have the Virtues of *Terra Sigillata*.

20. *Terra Sigillata, Silefiaca, Spragis, Terimachium*, Sealed Earth. There are several sorts of Sealed Earth, as the *Terra Lemnia, Samia, Melia, Serigenis*, and the *Thickse*, which is properly so called, and that which is intended here, viz. That from *Constantinople*, which is of an ash-colour, and indeed the best of all Earths which are known to us; though that of *Lemnos* which is red, is often used for the true. The best Earth is known, 1. By the sticking to the Tongue. 2. If cast into Water, it rises up in Bubbles. *Terra Sigillata* is drying, binding, sudorific and alexipharmick, resisting Plague, Poyson, Putrefaction, and all kinds of Malignity and Venom. It is chiefly used against the Plague, malignant Feavers, *Diarrhea, Dysenteria*, and bitings of Venomous Beasts: It powerfully dissolves congealed Blood, and provokes Sweat: Experience has confirmed it oftentimes to cure the *Hilling-sicknes*, given a \mathfrak{ss} . ad \mathfrak{ss} . and some suppose it a good Remedy against *Plumbers*. Outwardly, It cures the bitings of Venomous Beasts, and cleanses malignant Wounds. From Sealed Earth, you have, 1. A Magistery. 2. A Simple Spirit. 3. A Compounded Spirit. 4. An Oyl.

21. *Magistery of Sealed Earth.*
Dissolve it in Spirit of Salt, and precipitate with Oyl of Tartar, so have you a precipitate of the colour of the Earth, and having the same Virtues. Dose a \mathfrak{gr} . ad \mathfrak{xxx} .

22. *Spirit of Terra Sigillata Simple.*

Distil it alone in a Retort, with a bare fire, into a large Receiver, so have you first a Flegm, then a little white Spirit, pleasant in taste and smell, the Earth remaining at bottom in its own shape.

1. Where Note, 1. That it needs no rectifying, but is used with the Flegm ad \mathfrak{ss} . 2. That if you first macerate the Earth in Rain water, and then distil the Spirit, and impregnate it with its own Salt, it is called the Alkali-ized Spirit, or Balsam of Earth: to which if you joyn the Flowers which ascend by a strong heat, being distilled alone, it will yet be better. It has all the Virtues of the Earth, but exceeds it in strength, is Anodyne, eases pains of the Gout, cures Scabs, and dissolves Gold.

23. *Spirit of Terra Sigillata Compound.*

Steep the Earth in Water and distil it in a Retort gently, a little to open the Body, then add Spirit of Wine, digest and distil again.

It has the Virtues of the former. Dose ad gut. xx.

24. *Oyl of Terra Sigillata.*

Macerate the Earth with distilled Rain Water, and digest 40 days in a warm place, so will the Oyl be separated and swim on the top: separate the Water by a Glass-funnel: to the Oyl put six times as much S.S. and you will have an Oyl of a Gold-like

like colour, swimming on the Spirit: take the white matter, left at bottom like a Pearl, and with Rain water extract the Salt, which put to the Oyl; circulate it a while; then distil in a Glass Retort in Sand, so have you the Oyl or Essence of Earth.

It is a specifick against Poyson, Plague, malignant Fevers, Small Pox, Stone, &c. Dose gut. vj. in some convenient Liquor.

Of WATERS.

There are several sorts of Water, of which 1. Fountain. 2. Well. 3. River. 4. Rain. 5. Snow. 6. Dew. 7. And Mineral Waters are chief.

25. Of Fountain or Spring Water.

That is the best and purest which springs from the East, and goes towards the West, which runs from Mountains, is pure, thin, light, and clear as Crystal, being hotter in Winter and colder in Summer. This warmed with a Toast, is often given to sick People.

26. Of Well Water.

It is not so good as the former, but something more crude, and heavy; yet if it rises from a good Spring it may be used instead of the other.

27. Of River Water.

If it lies towards the Sun, and has a good Stream is purer than Well Water; for although it may be at present thicker, yet after a little settling it becomes much more fine.

28. Of Rain Water.

It exceeds all the former Waters, and ought to be preferred for Physick; some say, that the Rain which comes from the South or East, is

the best, because more ripned and digested by the Sea.

29. Of Snow Water.

It is like to rain, but much more piercing, and therefore Schroder says, provokes Sweat, being more impregnated with Salt than any other, from its condensation with cold.

It is good against Burnings and Scaldings, taking the fire out and healing them; also Zacutus tells us of a desperate Tooth-ach which was cured therewith: that is best which is gathered whilst the Sun is in Capricorn.

30. Of Dew, or May Dew.

It exceeds all Waters for thinness, purity, clarity, penetration and volatility, as having in it a more volatile, sharp and excellent Salt: May Dew is best.

31. Of Mineral Waters.

Mineral Waters are either Spaws or Baths: both which are Fountain Waters, impregnated with Mineral Essences.

This Mineral substance is of divers sorts, as Earthy, Bituminous, Sulphurous, Saline, Vitriolick and Metallick, &c. The Virtues of which are to be gathered from the Simplicity or Complex nature of the matter or matters constituting, so some Spaw Waters vomit, others purge, some provoke urine, others sweat: some Baths also are hot, others cold, &c.

32. Spirit of Rain, or My-Dew.

R. A large quantity of Snow Water, Rain, or May Dew, distil in B. M. in a glass Still, taking only the Spiritual part. Or thus: Filter, digest and purifie for 40 days in a

close Vessel, that the faces may settle; then distill as before.

33. *Salt of Rain, or May-dew.*

Take a Barrel of Water, let it exhale a while (filtering it if need be,) then evaporate to dryness: The faces which are full of Salt, Elixivate by many solutions, so shall you have a pure Salt.

34. *Essence of Rain or May-dew.*

Impregnate the former Spirit, with the Salt, circulating of them for 40 days in a luted Glass Vessel: This is alcalized Spirit of Rain, or Dew, &c.

35. *Philosophical Tartar of Clostræus.*

R. Dew or Rain Water, put it into a Vessel, so as it may fill it half full, seal it up Hermetically, put it into a Stove or hot Bath, or other place equivalent, that by the power of the gentle and constant heat, there may be shining Atoms at the bottom of the Vessel (which are a white Earth) separate them from the Azure water above them, and keep them for use.

36. *Fabers burning Spirit of Rain Water.*

R. The former Tartar, imbibe it with a tenth part of other Rain Water, digest till it grows thick: repeat this ten times, till you have a matter thick like Honey; from which by a fire of Ashes, draw a sharp Spirit; then by a fire in Sand, a fiery Spirit: redifis both; and cobebate often upon the Caput Mort. which remain; digesting always between each cobebation: what at last is left, calcine in a reverberating fire, till it be white, out of which draw a Salt: which joyn with the former Liquors, digest and coagulate in B.M. sublime into a Crystal Salt; put those Crystals into a Glass Vessel Hermetically sealed, digesting in a close Furnace for a whole Month.

This has been taken by some for an Universal Medicine: But the difficulty in making will hardly countervail the cost: It is a Pectoral, and good in all Diseases of the Lungs.

Of Compound Internal Medicaments.

Liber Quartus.

C A P. I.

Of W A T E R S Distilled.

1. *Spiritus & Aqua Absinthij minus Composita*, Spirit and Water of Wormwood, the lesser Composition.

Colledge.) *R. Leaves of Wormwood dried lbj. Aniseeds lbss. macerate them in 6 gallons of thin S.V. for one day and night, then distil off 4 gallons in B.M. adding to every gallon of the distilled Liquor lbj. of the best Sugar: Let the two first pounds be called Spirit of Wormwood, but the following Wormwood water, the lesser composition.*

Salmon.) The reason of this distinction is, because the Spirits of most Vegetable Bodies, chiefly Aromatics ascend first, the Flegm afterwards. The intention of this Water and Spirit is to strengthen, fortifie and warm the Stomach, which it does effectually, thereby taking away illness, rawness, loathing and vomiting, and making a good

digestion. See Wormwood, *lib. i. cap. 4.* whose Virtues it has: you may take it in Balm or Mint-water; of the Spirit $\frac{3}{4}$ ss. of the water $\frac{3}{4}$ l. at a time, either in the Morning fasting, or when you find any indisposition of the Stomach.

Colledge.) *After the same way (only omitting the Aniseeds) are prepared the Spirits and Waters of whole Herbs; as of Angelica, Balm, Mint, Sage, &c. Of Flowers, as of Rosemary, Clary, Carnations, &c. Of Seeds, as Carraways, &c. Of Berries, as those of Juniper: Of Peels, as those of Oranges, Citrons, Limons, &c.*

Salmon.) All which retain the Virtues of the Simples, which see each in its respective place aforegoing: the Doses are the same with those of Wormwood.

2. *Spiritus & Aqua Absinthij*
Ff 4 ma-

magis Composita, Spirit and Water of Wormwood, the greater Composition.

Colledge.) Take of Marsh and common Wormwood, ana lbj. Sage, Mint, Bawm, A. Mij. Roots of Galanga, Ginger, Calamus Aromaticus, Elecampane A. Zij. Liquorice 3j. Raisins stoned 3ij. sweet Fennel-seeds, Anniseeds, A. Zij. Cinnamon, Cloves, Nutmegs, ana 3ij. Cardamoms, Cubebs, A. 3j. let those things be cut which are to be cut, those bruised which are to be bruised, and let them be steeped in eight gallons of Canary Sack for twenty four hours; then distil in B. M. adding two ounces of the best Sugar to every pint of Water: The first pint call Spirit of Wormwood, the greater Composition.

Salmon.) It has the virtues of the former; besides which, it cheers the Heart, comforts the Brain, abates Melancholy, and relieves languishing Nature. Dose of the Spirit ʒij. of the water à ʒiv. ad ʒj. in Bawm-water, or alone.

3. *Spiritus & Aqua Angelica magis Composita*, Spirit and Water of Angelica; the greater Composition.

Colledge.) R. Roots of Angelica ʒviij. Leaves of Carduus Benedictus ʒvi. Bawm, Sage, ana ʒiv. Seeds of Angelica ʒvi. sweet Fennel seeds ʒix. let the Herbs and Seeds being dried, be grossly bruised, to which add of the Species Aromaticum Rosatum, and Diarnoschu dulce, A. ʒiʒ: macerate them two days in eight gallons of Canary, and distil them according to Art with a gentle Fire. To every pint of Liquor distilled add ʒij. of Sugar dissolved in Rose-water. Let the three first pints be called Spirit,

the remainder by the name of water.

Salmon.) In the former Dispensatory it was Leaves of Angelica and Carduus, A. ʒvi. that is all the Alteration. This was intended to fortifie the Heart, and resist the Infection of the Plague, and other malign Diseases. It cheers the Spirits, and is a good Preservative against Epidemical Distempers. The Dose of the Spirit is ʒfs. of the water ab ʒj. ad ij. in Spanish wine, or Rosemary water in the morning fasting, or a little before eating.

4. *Spiritus Lavendulae Compositus Maubiae*, Spirit of Lavender Compound.

Colledge.) R. Flowers of Lavender gal. i. rectified S. V. gal. iij. close the Vessel, and digest them in the Sun six days; and distil them by an Alembic with its Refrigeratory. R. Flowers of Sage, Rosemary, Betony, ana M. j. flowers of Borrage, Bugloss, Lillies of the Valley, Cowslips A. M. j. let the flowers, being newly gathered, and in a fix time, be macerated in gal. j. of S. V. rectified, and mixed with the foregoing Spirit of Lavender flowers, adding the Leaves of Bawm Featherfew, of the Orange-tree freshly gathered; flowers of Stachis, Orange-tree, Barberries, ana ʒj. give all a sufficient digestion, and distil again; after which add the outward part of the citron-peel, peony-seeds husked, ana ʒvj. Cinnamon, Mace, Nutmegs, Cardamoms, Cubebs, yellow Saunders A. ʒfs. Wood of Aloes ʒj. digest twenty four hours; then strain and filter, and add to it prepared Pearls ʒij. Ambergrise, Musk, Saffron, ana ʒj. Red Roses dried,

red

red Sanders, A. ʒiſ. yellow Sanders, Citron peels dried, ana ʒij: let the Species, being eyed up in a thin rag, be hung in the ſaid Spirit.

Salmon.) This is a troublesome Medicament to be made, nor can it be done in a ſhort time. 1. The flowers are to be put into the S.V. when they are in their prime; thoſe which are in flower firſt, in the firſt place, and that Infuſion kept, till the other things are ripe and fit to be put in, in order. 2. That in every Diſtillation, the Feces be drawn dry, becauſe the S.V. is deflegmated.

3. That inſtead of Orange-tree leaves freſh, you may uſe Roſemary. 4. That by ſufficient Diſſeſtion, is intended 24 hours, that being time long enough, for ſuch high rectified Spirits, to extract the powers and virtues of any ordinary Vegetable, eſpecially its flowers and leaves. 5. That in the old Diſpenſatory, the laſt Diſſeſtion was to be ſix Weeks long, but in this to be but a Day and a Night, which Emendation is good and time long enough for the aforeſaid Reaſon. The intention of this Medicament is againſt the Falling ſickneſs, and all cold Diſtempers of the Head, Womb, Stomach and Nerves; as the Apoplexy, Paſſy, Convulſions, Megrim, Vertigo, loſs of Memory, dimneſs of Sight, Melancholy, ſwooning Fits, and Barrenneſs in Women. You may give it in Canary, or Syrup of the juyce of Black cherries, or in Florence Wine. Country people may take it in Milk or fair Water ſweetened with Sugar. Its an excellent but coſtly Medicine. Doſe to a Child à ʒj. ad ʒj. to a Man à ʒj. ad iv. in

the morning faſting. Note, That in the former there were Jujubes ʒiſſ: which in this are omitted.

5. *Spiritus Caſtoſei*, Spirit of Caſtor.

Take of freſh Caſtor ʒiv. freſh Lavender Flowers ʒj. Flowers of Sage, Roſemary, ana ʒiſſ. Cinnamon ʒvi. Mace, Cloves, ana ʒij. Spirit of Wine rectified ʒi. diſſeſt them in a Phial, only to the third part full, in warm aſhes for two days, being cloſe ſtopped with a Cork and Bladder; then diſtil in B.M. and keep the Spirit in a Glaſs, with a Glaſs ſtopper for uſe.

Salmon.) This was intended againſt all cold Diſtempers of the Head, Brain, Womb and Nerves, as the Epilepſie, Apoplexie, Convulſions, Paſſie, Lethargie, and dulneſs of the Senſes, mixed with Oyl of Amber and Oyl of Ben, of each a like Quantity, it helps Deafneſs, and ſome hearing; it is a potent ſolvent of Poiſon, and good againſt the venereal Diſtempers. It prevails againſt Fits of the Mother, and cauſes ſpeedy Delivery to Women in Travel, bringing on a ſoon birth and After-birth. Doſe à ʒj. ad ij. in Perſicary Water.

6. *Aqua Antivenerea Compoſita*, Water of the Antivenere compound.

Colledge.) R. of the roots of the Butter-bur bruſed ſmall. Roots of Angelica, Maſticum, ana ʒiſſ. infuſe them in Wine of ſtrong Ale, then diſtil them in B.M. till the change of the eaſt Sun ſhew the ſtrength or ſpirit of the ſun.

Salmon.) It is prevalent againſt the Plague, Poiſon, and all venereal Diſeaſes; It is a general

Cephalical, Hysterick, and Traumatick: good in the Suffocation of the Womb, and passion of the Heart. Warming the Stomach, chearing and reviving the Spirits, and defending against any Infection; as a Preservative, it may be taken in a Morning in Bawm water sweetned with Syrup of Vinegar to ℥j. in extremity give it to ℥ij. or more in good Canary; and so it is good against Pal-sies.

7. *Aqua Raphani Composita*, Radish water Compound.

Colledge.) Take of the leaves of both sorts of Scurvy-grass green, and cleansed, ana ℔vj. bruise them, and express the juice, to which add juice of Brook-lime, Water-cresses, ana ℔s. of the best white Wine ℔viij. Lemons with their Peel, N^o xij. fresh Bryony-roots ℔iv. Horse-Radish-roots ℔ij. Roots of Aron ℥is. Winters Cinnamon, Nutmegs ana. ℥iv. digest them all together for three days, then distill them in B.M.

Salmon.) In this there is added Roots of Aron ℥is. for which there is left out of Winters Cinnamon ℥iv. for in their former it was ℥viij. An alteration, I think to the worse: It is a water composed only of Volatile things, and without doubt destinated for the cure of the Scurvy, against which it is prevalent; it is a great Diuretic, and Lithonriptic, breaking and bringing away the Stone both in the Reins and Bladder; is good against the Green-sickness, provokes the Terms, and cleanses the Womb. Dose ℥j. or more Morning and Evening in Rhenish wine, or Persicary water.

8. *Aqua Ponia Composita*, Peony water Compound.

Colledge.) R Fresh flowers of Lillies of the Valley ℔i. infuse them in gal. iv. of Canary. R. Flowers of the Line tree ℔s. of Peony ℥iv. steep them together for two days, then distill in Balneo Mariæ to dryness: In the distilled Liquor infuse, again male Peony-roots, gathered in a good time ℥jls. white Dittany, long Birch-wood, ana ℥ls. Leaves of Mistletoe of the Oak, Rue, ana Mij. Peony-seeds husked ℥x. Rue seeds ℥ijls. Castorium ℥ij. Cubebs, Mace and ℥ij. Cinamon ℥jls. squills prepared ℥ij. Rosemary flowers P.v. Arabian Seechas, Lavender A. P. iv. Flowers of Betony, Clove-gilliflowers, Comslips A. P. viij. juice of black Cherries ℔iv. distill all in a glass body till they are dry.

Salmon.) This is the *Aqua Antiepileptica Langii*, described also by Erasius, but with some difference: It also differs from that in their old Dispensatory, by the putting in of the Line-tree flowers, instead of the Lilly Convally flowers. It was at first design'd against the Falling-sickness, as the title of *Langius* imports, in which Disease it is an excellent thing; It is powerful against Convulsions, and Pal-sies, being a great strengthener of the Head, Brain and Nerves; it comforts the Heart, clears the sight, and helps a bad Memory coming from cold and moisture of the Brain. Dose ℥j. or ℥jls. morning and evening in Rosemary, Sage, or black Cherry water.

9. *Aqua Epidemica*, The London Plague-water.

Colledge.) R. Roots of Angelica, Mayler-wort, Butter-bur, Peony. A.

℔s.

Hb̄s. Roots of Spignell, Vipersgras, Virginian Snake Root, A. $\mathfrak{z}\text{ij}$. leaves of Rue, Rosemary, Baum, Carduus Benedictus, Scordium, Marigolds with the flowers, Dragons, Goats-Rue, Mint, A. M. iv . To which being made fit, put Spring Water, gal. v. S. V. rectified gal. ij . And in a close Vessel with the heat of a Bath let them be digested two days. Then distil in B. M. gal. iv . in which hang Saffron $\mathfrak{z}\text{ls}$. tied up in a rag; to every pound of this distilled Water put of the best Sugar $\mathfrak{z}\text{ls}$. then strain it through Hippocrates his sieve.

Salmon.) The Title shews the Virtues, for which it is a very excellent thing, as also against all Malign Diseases; as Measles, Small-Pox, Spotted-Feaver, and the like; the Dose is from $\mathfrak{z}\text{j}$. to $\mathfrak{z}\text{ij}$. in Angelica, or Sage Water, sweetned with Syrup of Vinegar or Clove-gilliflowers. But whereas the Colledge prescribes Spring Water, the Apothecary would do much better, if he took in place thereof so much Canary or Rhenish wine; and then the rectified S. V. is needless; for what need is there of the dephlegmating of that, to which you must put immediately new phlegmatick bodies? This is plainly *Penelopes telam texere*.

II. *Aqua Bezoartica Langij*, the Bezoartick Water (without Bezoar.)

Colledg.) *Rx.* Leaves and Roots of Celandine M. $\mathfrak{ij}\text{ss}$. Rue M. \mathfrak{j} . Scordium M. \mathfrak{j} . Ditany of Crete, Carduus Benedictus A. M. \mathfrak{ss} . Roots of Zedoary, Angelica, A. $\mathfrak{z}\text{ij}$. the outward peels of Citrons and Lemons A. $\mathfrak{z}\text{v}$. Clove-gilliflowers $\mathfrak{z}\text{ls}$. Red roses, Canary flowers the less, ana $\mathfrak{z}\text{ij}$. Let

those things be cut which are to be cut, and all steeped three days in the best S. V. and Mallaga Wine ana $\mathfrak{h}\text{ij}\text{ss}$. Vinegar of Clove-gilliflowers, juice of Lemons, ana lbj . Let them be distilled by B. M. in a Glass Vessel: then to the distilled Liquor add Cinamon $\mathfrak{z}\text{ij}$. Cloves $\mathfrak{z}\text{ij}\text{ss}$. Venice Treacle $\mathfrak{z}\text{ij}$. Camphir \mathfrak{ss} . Troches of Vipers $\mathfrak{z}\text{ls}$. Mace $\mathfrak{z}\text{ij}$. Wood of Aloes $\mathfrak{z}\text{j}$. yellow Sanders $\mathfrak{z}\text{ls}$. Seeds of Carduus Benedictus $\mathfrak{z}\text{j}$. Kernels of Citrons $\mathfrak{z}\text{ij}$. digest all for two days: then distil in B. M. with a very gentle fire, and repeat the distillation twice or thrice: After half is distilled off, the remainder strain through a Linnen cloth, and abstract to the thickness of honey, calling it the Bezoartick Extract.

Salmon.) This is much altered from what it was in their old Dispensatory. 1. The Scordium here is but M. \mathfrak{ij} . which was in that M. iv . and in the old, the Citron and Lemon-peels was A. $\mathfrak{z}\text{vj}$. the Cloves $\mathfrak{z}\text{ij}$. the Troches of Vipers $\mathfrak{z}\text{ij}$. the Wood of Aloes $\mathfrak{z}\text{j}$. 2. The old had but one distillation, after the Maceration of all the ingredients, this has two. This Water is Sudorifick, Alexipharmick and Antifebricitick; powerful against all Pestilential Diseases, resists Melancholy, cheers the Spirits, and comforts such as are in Consumptions. Dose à $\mathfrak{z}\text{ij}$. ad $\mathfrak{z}\text{iv}$. in Scordium Water, in the Morning fasting, or in any Fainting, or Swooning in time of the Fit. The Extract participates of the same Virtues; of which you may give \mathfrak{ss} . at a time.

12. *Aqua & Spiritus Lumbricorum*

rum Magisterialis, Magisterial Water, and Spirit of Earth-worms.

Colledge.) Take of Earth-worms well cleansed lbij. Snails with shells on their backs gal. ij. beat them in a Mortar, and put them into a convenient Vessel; adding stinging Nettles, Roots and all, M. vj. wild Angelica M. iv. Brank Orsine M. vij. Agrimony, Betony, A. M. iij. Rue Mj. common Wormwood M. ij. Rensmay flowers Oun. vi. Dock roots Oun. x. Sorrel roots Oun. v. Turmeric inner Bark of the Barbary Tree, A. Oun. iv. fennigreek seed Oun. ij. Cloves Oun. iij. hartshorn, ivory both in gross powder, A. Oun. iv. saffron Oun. iij. small S. V. gal iv. ss. macerate all together 24 hours, then distil by B. M. in a glass body; let the first lbiv. be set by for Spirit; the remainder for water.

Salmon.) It is to be noted, 1. That though you take Snails with shells, you are not to use the shells in this work. 2. That the Powers of Vegetables, (much less of Animals) are not to be drawn with small Spirit of Wine; rectified is much better, and so much the more necessary here, by reason the digestion is to be but 24 hours. 3. That the distillation had much better be performed apart, viz. the Animals to be distilled apart, and the Vegetables apart; and then the Spirits to be joined, and drawn over in a third distillation; Thou shalt not sow mingled seed, was the dictate of the Holy Spirit; Things Heterogeneous cannot join, Homogeneous may; the Difference is resolved by the several distillations, which every Operator will easily find.

This intention of this Water was against Consumptions, for which it

is very excellent, opening all Obstructions of the internal Viscera, whereby the nutriment is hinder'd to be conveyed to its respective parts. It is good against the Jaundice, obstructions of the gall, hectic Fevers, and moist Diseases of the head and brain. Dose of the Spirit ℥ij. in Sage water: of the water ℥j.

13. *Aqua Gentiana Composita*, Gentian Water Compound.

Colledge.) R. Gentian Roots sliced ℥ls. leaves and flowers of Centaury the less. A. ℥iv. White-wine xij. macerate 8 days, distil in B. M.

This Water was intended to strengthen the Stomach, help digestion, and to be a preservative in pestilential Seasons. It is excellent against the Rickets, helps Stitches in the Side, provokes the terms, expels both birth and after-birth, and is good against the Jaundice, given two spoonfuls at a time in Syrup of Cicory with Rhubarb.

14. *Aqua Gilberti*, Dr. Gilbert's Water.

Col. R. Scabious Lagues, Burnet, Dragons, Bawm, Angelica, Pimpernel with purple flowers, Tormentil with the Roots, A. M. ij. let all of them, being well gathered, and prepared, be infused in Canary Gal. iv. Draw off in B. M. Gal. iij. to which add of the cordial flowers A. ℥iij. Clovegilliflowers 3vj. Saffron ℥ls. Roots of Turmeric ℥ij. Galanga, Seeds of Basil A. 3j. Citron peels dried ℥j. Seeds of Citrons, Carduus, Cloves, A. 3v. Hartshorn rasped ℥iv. digest them twenty four hours, and distil in B. M. hanging before-hand in the neck of the Alembic, Pearls prepared ℥iss. red Coral prepared, Crabs Eyes, white Amber, A. 3j. Crabs claws in fine

pou-

Powder ℥vi. *Oriental Bezoar*, *Ambergriſe* A. ℥ij. Laſtly add *white Sugar-candy* ℥xij. diſſolve in *Red Reſe-watrr* ℥vi. mix with *Spirit*, or *water of Cinamon* ℥iv.

Salmon.) This is a lamentable Hodge-podge of altogether, things of ſuch different natures and kinds, which by the higheſt of the preſcribed operations can never be united. 1. There is a conſeſion of Vegetables, Minerals and Animal, through the Mineral part of which, the Spirits is only to paſs, but what Virtue the Spirit of Water draws therefrom; I muſt confeſs my ſelf Ignorant, and really believe all that Labour and Coſt loſt. 2. What in this is ordered only to be hung in the neck of the Alembick, in their old Diſpenſatory, was to be ſteep'd ſix weeks in the Sun, in a Veſſel cloſe ſtopp'd, which if it be any thing material, is much the better way: 'tis a good Cordial for the Conſumptive, it cheers the Heart, revives the Spirits, and helps the dulneſs of the Brain. Doſe ℥j. 'tis too dear for ordinary perſons.

15. *Aqua Cordialis frigida Saxoniae*, Hercules Saxonia his cooling Cordial Water.

Colledge.) Take of the juyce of *Borrage*, *Bugloſs*, *Bawm*, *Biſtort*, *Tormentil*, *Scordium*, *Vervain*, ſharp-pointed Dock, *Sorrel*, *Goats Rue*, *Chervil*, blew bottle both ſorts, *Rofes*, *Marigolds*, *Lemons*, *Citrons* A. ℥vi. *Burnet*, *Cink-foil*, A. ℥ij. *White wine Vinegar* lbj. purſlane ſeed, flowers of water *Lillies* A. ℥ij. flowers of *Borrage*, *Bugloſs*, *Violets*, *Clove-gilliflowers*, A. ℥j. *Diatrion Santalou* ℥vi. let all of them being rightly prepared be digeſted three days, then diſtilled in a glaſs body in B. M. to

the diſtilled Liquors, add *Pearls in powder* ℥ij. mix them well and keep them for uſe.

Salmon.) This is the ſame with that in the old Diſpenſatory, except, 1. They have left out the Earth of *Lemnos*, *Sileſia*, and *Samos*, A. ℥ſs. 2. The Pearls was there ordered to be prepared with juyce of Citrons. 3. They have left out the Citron, and *Carduus* ſeeds A. ℥j. It is an excellent Water, good for ſuch as have hot Stomachs, and intended by the Author thereof (an Italian Phyſician) to cool the heat of burning Feavers, though never ſo violent and malignant. You may give ℥j. or ij. or more at a time, and is indeed a good Vehiculum to convey other hot Medicaments in.

16. *Aqua Theriacalis*, Treacle water.

Colledge.) R. Of the juyce green *Wall-nuts* lb. v. juyce of *Rue* lb. ij. *Carduus*, *Marrigolds*, *Bawm* A. lb. ij. freſh roots of *Butter-bur* lb. ſi. Roots of *Burdock*, lb. j. of *Angelica*, of *Maſterwort* A. lb. ſi. Leaves of *Scordium* M. vj. Old *Venice Treacle*, *Mithridate*, A. ℥viij. Generous *Canary* lbij. ſharp *Wine Vinegar* lb. vj. juyce of *Lemons* depurated lb. ij. digeſt two days in *Balneo*, in a cloſe Veſſel, then diſtil: from what remains may be prepared a *Theriacal extract*.

Salmon.) In their former Diſpenſatory, they ordered the diſtillation to be in Sand: In this the way of diſtilling is left out: but if you would have it pleaſant to the Palet, you muſt diſtil it in B. M. eſſe the empyruma will be ſo great, that it will be unſufferable, and ſpoil whatever it is mixt with. It is deſigned for an

An-

Antidote against the Plague, a Counter-poyson, and a Cordial in Malignant and Burning Fevers, &c. having most of the Virtues of Venice Treacle. Dose $\text{ab } \mathfrak{z}\beta. \text{ ad } \mathfrak{z}\mathfrak{i}\beta.$ in any convenient mixture.

17. *Aqua Bryoniae Composita*, Bryony-water compound.

Colledge.) Take juyce of Bryony roots $\mathfrak{li}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Leaves of Rue, Mugwort, $\mathfrak{A} \mathfrak{li}\mathfrak{j}$. of Savin $\mathfrak{M}\mathfrak{i}\mathfrak{j}$. Featherfew, Nep. Pennyroyal, $\mathfrak{A} \mathfrak{M}\mathfrak{i}\mathfrak{j}$. Basil, Dittany of Crete. $\mathfrak{A} \mathfrak{M}\mathfrak{i}\mathfrak{s}\beta$. fresh Orange Peels $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Myrrh $\mathfrak{z}\mathfrak{i}\mathfrak{j}$. Castor $\mathfrak{z}\mathfrak{i}$. Canary $\mathfrak{li}\mathfrak{x}\mathfrak{i}\mathfrak{j}$. digest them four days in a fit Vessel, then distil in B.M. about the middle of the distillation, strain it out, and by inspissation make an Hysterical extract.

Salmon.) This was intended to hasten and facilitate the Birth, bring away the After-birth, and cleanse the Womb of impurities, for which it is a very excellent Medicine; and by the same reason, it may be good against the fits of the Mother: It provokes the Terms, and is good against the Green-sickness: Dose from one spoonful to two in the Morning fasting. It is dangerous for women with child.

18. *Aqua Imperialis*, Imperial water.

Colledge.) Take dried Citron-peels, Orange-peels, Nutmeg, Cloves, Cinamon, $\mathfrak{A} \mathfrak{z}\mathfrak{i}$. Roots of Cypripur, Florentine Orrice, Calamus Aromaticus $\mathfrak{A} \mathfrak{z}\mathfrak{i}$. Zedoary, Galanga, Ginger $\mathfrak{A} \mathfrak{z}\mathfrak{i}\beta$. tops of Lavender, Rosemary, $\mathfrak{A} \mathfrak{M}\mathfrak{i}\mathfrak{j}$. leaves of Bay, Marjoram, Balm-Mint Sage, Thyme. $\mathfrak{A} \mathfrak{M}\mathfrak{i}\mathfrak{j}$. fresh White Roses, Damask Roses, $\mathfrak{A} \mathfrak{M}\mathfrak{i}\mathfrak{s}\beta$. Rose water $\mathfrak{li}\mathfrak{v}$. white wine $\mathfrak{li}\mathfrak{v}\mathfrak{i}\mathfrak{i}\mathfrak{j}$ bruse these things

which are to be bruised: digest all 24 hours; then distil them in B.M. according to Art.

Salmon.) This water was designed to strengthen, and comfort all the Spirits, Natural, Vital and Animal, and is excellent against faintings and swoonings; is a counter-poyson, and Antidote against the Plague and Feavers; 'tis supposed to restore such as are in Consumptions, strengthen the Heart, Stomach and Brain, and resist all cold Diseases thereof. Dose a spoonful in *Aqua Cordialis Saxonicae*.

19. *Aqua Mirabilis*, The Wonderful or Admirable Water.

Colledge.) Take of Cloves Galanga, Cubebs, Mace, Cardamoms, Nutmeg, Ginger. $\mathfrak{A} \mathfrak{z}\mathfrak{i}$. juyce of Celadine $\mathfrak{li}\mathfrak{s}\beta$. Spirit of Wine $\mathfrak{li}\mathfrak{j}$. White wine $\mathfrak{li}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Infuse them 24 hours, and draw off in B.M. two pound.

Salmon.) The Spices are only to be grossly bruised, not beaten into a powder: and then, if you macerate them a Week, 'twill be so much the better. It is a Cephalick, Pectoral, Stomatick, Cardiack, Hysterick, Carminative, Anodyne, and Analeptick: of great force against the Colick, pains in the Side and Stomach, coldness of the Ventricle, Coughs, Asthmas and most Diseases of the Head and Brain: It comforts the Heart, revives the Spirits, helps swooning Fits, provokes the Terms, is a Counter-poyson, an Antidote against the Plague, Pestilence, all Malignant Feavers, and Pettilential Distempers. It is said to preserve from the Apoplexy, and restore Speech lost. Dose $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. ad $\mathfrak{z}\mathfrak{i}$. in Rosemary water.

29. *Aqua Doctoris Stephani*, Doctor Stephen's Water.

Colledge.) Take of Cinamon, Ginger, Galanga, Cloves, Nutmeg, Grains of Paradise, Anniseeds, Fennelseeds, Carraways, *A. ʒi*, Leaves of Thyme, Mother of Thyme, Mint, Sage, Penny-royal, Pellitory of the wall, Rosemary, Red roses, flowers of Camomil, of Origany, of Lavender. *A. Mj*. steep them in Gascoign Wine *℥xij*. for a whole day: then let them be distilled in B.M. S.A.

Salmon.) This Water was intended for Women in Labour, and has the Virtues of *Aqua Brionie*, *Composita*, at Sect. 17. foregoing. It is Cordial, strengthens the Heart, resists Poyson, expels Wind, and comforts the Head and Brain. Dose *ab ʒi. ad ʒiij*. This (as also the next following) was in their old old Dispensatory, but left out in their new old one: and now added again in this their new Dispensatory.

21. *Aqua Calestis*, seu *Aqua Vitæ Mathioli*, Heavenly Water.

Colledge.) R. Of the best Cinamon *ʒi*. Ginger *ʒß*. of all the Sanders *A. ʒvi*. Cloves, Galanga, Nutmegs, *A. ʒiijß*. Mace, Cubebs, *A. ʒi*. both sorts of Cardamoms, *A. ʒiij*. Zedoary *ʒis*. seeds of Pepper-wort *ʒiij*. of Anise, sweet fennelseed, wild Carots, Basil, *A. ʒis*. Root of Angelica, Avena, Liquorice, Valerian the less, *Calamus aromaticus*, leaves of Clary, Thyme, Calamint, Penny-royal, Mint, Mother of Thyme, Marjoram, *A. ʒi*. Red roses, flowers of Sage, Rosemary of Betony, of Stechas, of Bugloss, of Borrage *A. ʒis*. Citron peel *ʒiij*. bruise those things which are to be bruised, and infuse them 15 days in the best S. V. *℥xij*. in a glass Ves-

sel well closed: then let them be distilled in B.M. according to Art. To the distilled Water add the Spices *Diambra, Aromaticum Rosatum, Diamoschu dulce, Diamargariton frigidum, Diarrhodon Abbatis, Eleætharium de Gemmis, A. ʒiij*. Yellow Sanders bruised *ʒi*. Musk, Ambergrise, (tyed up in a fine rag) *A. ʒi*. clear Julep of Roses *℥ij*. let them all be soaked well together, that the Julep may be well mixed with the Water, then put them up into a Vessel closed with Wax and Parchment till it grows clear, which then keep for use.

Salmon.) This is a tedious long Recipe, invented by *Matthiolus*, without any thing of Reason or Rule. And the Colledge has made it longer, for they have added the Calamint, Penny-royal, Mint, and Mother of Thyme, and made some other little alterations not worth mentioning. It has all the Virtues of the *Aqua Mirabilis* at Sect. 19. and may very well be used instead thereof: but 'tis scarcely so strong: and therefore may safely be given in the same Dose and in the same manner. It resists Poyson, is a preferative against the Plague, and restores in Consumptions.

22. *Aqua Terebinthinata*, Turpentine Water of Quercetan.

Colledge.) Take roots of Florentine Orrice, leaves of Mint dried, Dittany, *A. ʒi*. seeds in powder of Agnus Castus, Rue, Lettice, *A. ʒvi*. Venice Turpentine *ʒiv*. White wine *℥iij*. Digest all 24 hours in B. M. then distil them according to Art.

Salmon.) The intention of this was without doubt to stop a Gonorrhæa, and repress the heat of Lust, but 'twill be best to do it after

after due purging and cleansing: However the common white Potion made of only Turpentine opened with the yolk of an Egg, and dissolved in fair Water is much better, speedier and safer: Of this Water of the Colledges prescription you may give ℥i. iij. or more at a time, twice or thrice, a day, this is a new thing added.

23. *Aqua prothensacali*, a water serving instead of Treacle water.

Colledge.) *R. Of Scordium, Scabious, Cardus Benedictus, Goats-Rue A. M. ij. fresh Citron, and Orange Peels, A Oun. iij. Seeds of Citrons, Cardum, Hartwort, Treacle, Mustard, A Oun. j. Flowers of Marigolds, of Rosemary, A. M. j. let them be cut which are to be cut, and those be bruised grossly which are to be bruised, then steep them in pure white Wine ℔v. mix with Cardus water ℔ij. in a glass Vessel close stopped, and set it in the Sun for a fortnight, or in a Stove for some days, often shaking it, distill in B. M. so as the first two pounds may be kept by themselves for use: and what follows after by it self. Then lastly, to every pound add of Zulep Alexandria Oun. j. and of Cinnamon water a spoonful.*

Salmon.) It has all the Virtues of Treacle water, at Sect. 15. and may serve as an Universal vehiculum, to convey any kind of Medicine in: It strengthens and comforts the Heart, resists Poyson, helps swooning fits, and is prevalent against the Plague.

24. *Aqua Caponis*, Capon water.

Colledge.) *R. A Capon, the Guts being pulled out, and cut in pieces;*

the fat being taken away, boyl in in a sufficient quantity of Spring-water in a close Vessel: then take of this Broth lbij. Borage and Violet water, A. lbjss. white Wine lbj. red Roses ℥ij. flowers of Violets, Borage, Bugloss, A. ℥j. Pieces of Bread, hot out of the Oven ℔ss. Cinnamon bruised ℥ss. let all be distilled in a Glass Alembick according to Art.

Salmon.) What Virtues ℥j. of those Cordial Flowers can add to lbvij. of the composition, is scarcely to me known: The Apothecary instead of taking of those quantities assigned by the Colledge, would do better to take of red Roses, Violets, Borage, and Bugloss flowers ana, ℥ss. so that there would then be about ℥j. allowed to lbj. of distilled water, which is in truth little enough. The intention of this water, was for such as are in Consumptions, and lye lingering of He-ticks, and Murasms: though really the Essence of a Capon truly prepared is meerly and a thousand times better. You may take ℥vi. of this water at a time, Morning, Noon, and Night, and never fear hurting your self.

25. *Aqua Limacum Magisterialis*, Magisterial Water of Snails.

Colledge.) *R. Juice of Ground-ivy, of Consisor, of Scabious, of spotted Lungwort, ana lbjss. Juice of Purslane, Plantane, Cappadocian Oak, Pans betony ana lbj. Hog's blood, white Wine, A. lbv. Garden Snails cut, lbj. Powder of Liquorice ℥ij. Roots of Elecampane ℥ss. Florentine Orrice ℥ss. Cotton Seeds ℥ss. of the greater cold Seeds, Aniseeds, ana ℥ss. Saffron*

Red Roses, P. vi. of Violets and Sorrage, A. P. v. steep them three days warm, then distil in a Glass Body in B. M.

Salmon.) If by Ambrosia, they mean Cappadocian Oke, I fear the Juice of it will be a thing hard to get. 2. It should be known whether there ought to be taken of each of the greater cold Seeds *zvi.* or only *zvi.* of all together. 3. What *zi.* of Saffron signifies to about *℥xx.* of Liquor, it being but *gr. iiii.* to one whole pound. 4. In his the eight Tobacco Leaves are set out. *Ec.* It is intended against Consumptions, and Ulcers of the Lungs: when you use it, mix it with a strong thick Syrup of Liuorice, A. *zi.* and take it morning, noon, and night, with a Liuorice stick, taking time to let it go down: it is very good against Cough.

26. *Aqua Scordii Composita*, cordium Water Compound.

Colledge.) Take clarified Juices of Goats Rue, Sorrel, Scordium, Citrons, A. *℥i.* London Treacle, *℥ii.* Digest three days, then distil in a Glass Body in B. M.

Salmon.) 1. This Recipe is made much worse than it was in their old Dispensatory: for there was ordered *℥ss.* of London Treacle, in this but *℥ii.* 2. Whether the Juices in clarifying may or lose much of their Spirit, and volatile Salt? 3. What need is here of the clarifying of them, whose pure parts will only be drawn off in a Glass-Still, unless to make double work. It is an excellent thing against the curvy and Green-sickness in Virgins, if two Spoonfuls of it be ta-

ken morning, noon and night, either alone, or in a Glass of Rhenish Wine. It is also prevalent against pestilential and malignant Diseases.

27. *Aqua Mariæ*, the Ladies Water.

Colledge.) R. Sugar-Candy *℥i.* Canary Wine *℥vi.* Rose water *℥iv.* boil them well into a Syrup, to which add Aqua Cœlestis, *℥ii.* Ambergrise, Musk, ana *gr. xviii.* Saffron *gr. xv.* Tincture of *℥ii.* of yellow Sanders, extracted in Aqua Cœlestis, make a clear water.

Salmon.) In the old Dispensatory, there was Imperial Water ordered, where now there is Aqua Cœlestis; the former was full as good, and I am sure much cheaper. It is excellent against fainting and swooning Fits, Plague, Poyson, and most cold Diseases of the Head, Brain, and Stomach; but it is nought for Women troubled with Fits, because of the Musk and Ambergrise. It is a good Stomachical, stops Vomiting, and helps against Nauseousness. Dose one full Spoonful in the morning fasting, and at night going to Bed.

28. *Aqua Papaveris Composita*, Poppy Water Compound.

Colledge.) Take Flowers of Red or Corn Poppies: sprinkle them with Whitewine *℥ii.* then distil them in a Glass Body in B. M. Cohobate the distilled Water upon fresh Flowers, and do it the third time, to every pound of which put Nutmegs sliced *Nº ii.* white Sugar *℥ii.*

Salmon.) In their old Dispensatory, they ordered a Pupil of the fresh Flowers to be added with the Nutmegs and Sugar, and

then to be set in the Sun to give it a pleasant sharpness, which was good: for thereby the Water did not only become more grateful to the Stomach, and more excellent in Operation, but far more glorious in colour, which else would be colourless: this water was designed against Surfeits, Coughs, Colds, Catarrhs, defluxions of Rheum, for which it is a very excellent thing: It is excellent against pains and stitches in the sides, and prevalent against the Pleurisy, being Anodyne and causing rest: See Poppies. *Lib. 1. Cap. 5. Sect. 51.*

29. *Aqua Fuglandium Composita*, Walnut Water compound of *Platerus*.

Colledge.) Take of Green Wallnuts lbjs. Radish Roots, lbj. green Leaves of Asarabacca, $\mathfrak{z}\mathfrak{v}$. Radish Seeds, $\mathfrak{z}\mathfrak{v}$. all being bruised, let them be steeped in white Wine Vinegar, lbij. for three days, and then draw off in a Glass Still, in B. M.

Salmon.) In their old Dispensatory it was to be drawn off in a Leadn Still; in this; in a Glass. 'Tis a Vomit, and designed against Agues, Green-sickness, Flegm in the Ventricle, and Obstructions of both Liver and Spleen: give two spoonfuls at a time.

30. *Usquebach five Aqua Vita Hibernus popularis*, Irish Aqua Vita.

Colledge.) Take strong Aqua Vita, lbxxiv. in which macerate Liquorice, lbj. Raisons of the Sun stoned, lbs. Cloves, $\mathfrak{z}\mathfrak{l}$ s. Mace, Ginger, A. $\mathfrak{z}\mathfrak{i}\mathfrak{j}$. strain in, and keep it for use.

Salmon.) It is a good Pectoral, and Stomackick; It heats and warms a cold Stomach, strengthens the digestive faculty, and expels Wind. Dose three or four spoonfuls.

Waters left out in their new Dispensatory.

31. *Aqua Bezoartica Matthioli*, Matthiolus his Bezoartick Water.

Colledge.) R. Of Matthiolus his great Antidote, Syrup of Citron peels, A. lbj. S. V. five times distilled, lbv. put all these into a Glass, which is much too large for them, stop it close that the Spirit may not evaporate, shake them well together, and let it stand a Month, shaking it twice a Week (for the Electuary will settle) then pour off the clear Water into another Glass to be kept for use, stopping it close with Wax and Parchment, that the Spirit may not vanish.

Salmon.) It is an excellent Pectoral, a great Cordial and Cephalick, good against the Apoplexie, Epilepsy, Convulsions, Megrim, Vertigo, Lethargy, and other Diseases of the Head. It is singular against Hectick Fevers, Consumptions, and other decays of Nature, cures the biting of mad Dogs, expels Poyson, and the venom of Serpents, and restores lost Speech. Matthiolus saith, you may give of it $\mathfrak{z}\mathfrak{l}$ s. at it a time alone, or in generous Wine.

32. *Aqua Cinnamomi*, Cinamon Water.

Colledge.) R. Bruised Cinamon lbjss.

lb. ijs. Spanish Wine lb. xij. steep the Cinamon in the Wine 24. hours; then distil in an Alembick: draw off lb. iij. of strong Water. (of the small as much as you think sufficient) sweeten it with Sugar, and keep it for use.

Salmon.) It has the Virtues of Cinamon, to which I refer you.

33. *Aqua Cinnamomi Matthioli*; Matthiolus his Cinamon water.

Colledge.) R. Of the bruised Cinamon lb. j. put it into a Glass body; pouring upon it Rose-water lb. rv. Spanish Wine lb. ijs. stop the Still close, and place it in a warm Bath 24. hours: then put on the Still head, lute it well, and distil S. A.

Salmon.) If instead of Rose-water lb. iv. you take all Spanish Wine, it will be so much the better: and indeed Matthiolus orders as much Wine of Crete, which if made according to his Prescript, comforts and strengthens all the principal Parts, as Brain, Heart, Liver, Stomach, Lungs, Spleen, Nerves, and Sight, resists Poyson, and helps the bitings of Serpents: It opens Obstructions, Attenuates, and is excellent against all cold Diseases: See Cinamon, the Virtues of which it retains. The Dose is two Spoonfuls in the Morning fasting.

34. *Aqua Cinnamomi per infusionem*, Cinamon water by infusion.

Colledge.) Take Cinamon bruised ziv. Spirit of Wine lb. iij. infuse them together four days in a large Glass close stopp'd with Cork and a Bladder, shaking the Glass twice a day, dissolve half a pound of white Sugar Candy in a Quart of Rose-

water: then mix both these Liquors together, and put therein gr. iv. of Musk, and ℞. of Ambergrise tied up in a Linnen rag, and hang to the top of the Glass.

Salmon.) It has the Virtues of the former, and more fit for hot Constitutions. Dose two Spoonfuls.

35. *Aqua Melissophylli*, magis composita, Baum water the greater composition.

Colledge.) Take Baum lb. j. Thyme, Pennyroyal, ana ziiij. Cinamon zij. Cardamoms the less zj. Grains of Paradise z℥. sweet Fennel Seeds zj. Nutmegs, Ginger, 4. zj. Galanga zvj. Calamus Aromaticus, Cyperus, ana ziss. Dictamnus ziss. let all be bruised and infused in Spanish Wine lb. viij. mixt with strong Ale for 24. hours; then distil by an Alembick: keeping the first lb. iij. by themselves.

Salmon.) This was intended for a Carminative and Antidote against Poyson, comforting Nature, and restoring lost and decayed Strength: It quickens the Senses; resists the force of Pestilential Distempers, comforts the Brain, clears the Eye-sight, and repairs the weakness of the Memory: It is excellent for cold Stomachs. Dose ziss.

36. *Rosa Solis*, Water of Rose Solis.

Colledge.) R. Nutmegs, Amiseeds, Coriander-seeds, Galanga, Ginger, Cloves, ana ziss. Red Rose leaves, M. j. Ros-Solis, M. vj. Liquorice zj. Cardamoms, Zedoary, Grains of Paradise, Calamus Aromaticus, ana zj. Red Sanders, Cinamon, ana zj. of the best Aqua Vitæ lb. xij. macerate them for eight days.

ry, then strain, and add so the
Liquor, Sugar lb.iss.

Salmon.) This is a Pectoral, Stomachic, Carminative, and Alexipharmic, curing Ulcers, Phthificks, and Consumptions of the Lungs. Dose ʒss.

37. *Aqua Vita Simplex*, Simple *Aqua Vita*, or Water of Life.

Colledge.) Distil Ale, and Lees of Wine in an Alembic (whose worm runs through cold water) into small Wine, gallons x. in which infuse bruised Aniseeds lb.ii. for 24 hours; then distil again.

38. *Aqua Vita Composita*, Compound *Aqua Vita*.

Colledge.) It is prepared of small Wines; in gal. vi. of which infuse Aniseeds lb.ʒ. Fennel, Carraway, A. ʒii. Cloves, Cinnamon, Ginger, ana ʒi. then distil from it the strong Spirit.

Salmon.) These two last Waters are intended to warm and comfort the Stomach, helps fainting and swooning Fits, expel Wind, and ease Pain. Dose two or three Spoonfuls.

Waters added by the Author.

39. *Aqua Cephalica Mylii*, Mylius his Cephalic Water.

Rx. Red Sage ʒvi. Rosemary, Lavender, Marjoram, ana ʒvi. Mint, Hyssop, Pennyroyal, Clovegilliflowers, flowers of Bawm, A. ʒʒ. Cinnamon, Cloves, A. ʒvi. Galangal, Maco, Zedoary, Ginger, Nutmegs, Juniper Berries, ana ʒii. Fennel Seeds ʒvi. one Citron, Rhenish Wine lb.viii. being bruised and digested a week, distil in B. M.

Salmon.) It is good against the Megrim, Vertigo, Epilepsy,

Palsy, Convulsion, Head-ach, and all cold Affects of the Brain; it is Anodyne, and expels Wind. Dose ʒi.

40. *Aqua Cephalica Hortii*, Hortius his Cephalic Water.

Rx. The whole Brain of a Man, putrefied in Spirit of Lilies of the Vally, to which add Essence, or Magistery of Pearls, ana ʒi. Essence and Magistery of Coral, ana ʒʒ. Species Diacastorei, Species Diamofchi, ana ʒi. Essence of Peony, ʒiii. Essence of Anacardium ʒʒ. Malago Wine lb.ii. mix, digest, and distil in a Glass in B. M.

Salmon.) This was intended as a Cure for the Falling-sickness, Apoplexy, and such like Effects of the Brain, for which it is an excellent Specific, and may be given every Morning fasting ʒvi. or ʒi. to strong persons in Essence of black Cherries.

41. *Aqua Emetica Saturni*, Saturn, or Aesculapius his Vomit.

Distil strong Vinegar in a pewter Alembic: cast away a quarter part of the Vinegar which first comes, and keep the rest.

Salmon.) This is a pleasant Vomit, given in Agues and Epilepsies, ab ʒi. ad ʒii.

42. *Aqua Apoplectica Crollii*, Crollius's Apoplectic Water.

Rx. Flowers of Lilies of the Vally, Tile-tree, Peony, Primrose, Marjoram, Lavender, Sage, Betony, Rosemary, Cherries black and red, gathered in the decrease of the Moon, A. distil the Flowers and Cherries apart; then mix, and add to gal. ii. of distilled water powder of Mustard-seed lb.ii. infusion of Hops.

impregnated with Leaven (to help fermentation) a sufficient quantity; ferment all together, and distil in B.M. to the water distilled, add the Epileptic Elixir of Crollius.

Salmon.) This opens all Obstructions, strengthens and fortifies both Brain and Womb, cures the Apoplexy and Falling-sickness. Dose half a Spoonful.

43. *Aqua Apoplectica Sennerti*, Apoplectic Water of Sennertus.

Rx. Flowers of Lillies of the Valley, a sufficient quantity, steep them in lb. vi. of the best Rhenish Wine 14 days, then distil, in the distilled water infuse flowers of Lavender, Cubebs, Cinnamon Nutmegs, Mace, Galangal, ana ℥ss. Misto of the Oak, Peony Roots, A. ʒvi. digest again 14 days in a close Vessel; then distil in B.M.

Salmon.) This has the Virtues of the former, but more powerful against the Apoplexy and Epilepsy, especially if you add Flowers of the Ling-Tree. Dose one Spoonful.

44. *Aqua Virtutis Schroderi*, Schroder's Water of Virtues.

Take Cinnamon, Grains of Paradise, ana ʒi. Nutmegs, Cloves, Ginger, ana ʒss. Mace, Galangal, ana ʒii. Sage ʒvi. Rhenish Wine lb. iv. being prepared, macerate them a month, then distil.

Salmon.) If you add Juniper Berries, Rosemary Leaves, and Sweet Marjoram, it will be much the better; you may also put Cochineal bruised, and Saffron, ana, tied up in a Rag, and hang it either in the mouth of the Still, or in the Water after it is distilled; which will not only augment the Virtues, but also give it a glorious colour. It cures the

Head-ach, Megrim, Vertigo, Melancholy, Palsy, Illness of the Stomach, Stinking Breath, causes Fruitfulness, facilitates Delivery, is good against Plague, Poyson, and Epidemic Diseases. Dose from half, to one whole Spoonful.

45. *Aqua Vitæ cum Camphora*, Camphorated Aqua Vitæ.

Rx. Of the aforesaid water distilled with S. V. (not Rhenish Wine) lb. i. and mix it with Camphir ʒi. dissolved in Oil of sweet Almonds lb. i. by digestion in B. M. or Sand 14 days: digest the said spirit and dissolution of the Camphir ten days; that the spirit may extract the power of the Camphir, then distil in B. M. till the Camphir sublimes.

Salmon.) It comforts and strengthens the Head and Womb, and cures Fits of the Mother, expels Wind, and dries up Catarrhs. Dose ʒi. ad ii.

46. *Aqua Asthmatica Franckfurii*, Asthmatic Water of Frankfurt.

Rx. Root of Elecampane, Colefoot, ana ʒss. Gentian ʒiii. Cloves, Ginger, ana ʒii. Bay and Juniper Berries, A. ʒiiss. Cinnamon, Cardamoms, A. ʒii. Sage, Majoran, Hyssop, Horehound, A. Mls. Orris, Polypody of the Oak, Liquorice, Fuyubes, Sebestians, Currans, Dates, Pine Nuts, Sweet Almonds, A. ʒiii. Squills prepared ʒss. Seeds of Nettles, Fennel and Basil, ana ʒiii. dry Figs N^o iv. Honey ʒi. Sack lb. iv. Spirit of Wine lb. iii. digest ten days, then distil in B. M. adding to the distilled Water treble refined Sugar ʒxviii.

Salmon.) The Title shews the intention, besides which, it is of

excellent use to comfort a weak and cold Stomach; expel Wind, and help fainting Fits. Dose ʒj.

47. *Aqua Cardiaca* Paracelsi, Paracelsus his Cordial Water.

Rx. *Cinnamon*, *Mastic*, *Myrrh*, *Mace*, *Cloves*, *Pepper* white, black, and long, *Cubebs*, *Ginger*, ana ʒij. *Aquavita* (or S. V. ʒlv. *Aquarium Vitrioli*, *Ammonij*, *Tartari*, *Mells*, ana ʒvj. *Waters* of *Bawm*, *Roses*, *Cosmary*, *Wall-flowers*, *Sage*, *Mint*, ana ʒvj. digest and distil: to the distilled Water add a whole Capon cut in pieces, and prepar'd with *Cinnamon*, *Mace*, *Cloves*, ana ʒij. *Amomum* ʒʒ. *Zedoary* ʒʒ. *Rosemary-flowers*, *Wall-flowers*, ana ʒʒ. *Ginger*, *Cubebs*, *Nutmegs*, *A*. ʒʒ. *Ambergise* ʒij. *Musk* ʒʒ. *Civet* ʒʒ. *Campbir* ʒvj. digest again, and make *Aqua miraculosa*, a wonderful water. *Horstius Pharm. lib. 6. pag. 141.*

Salmon.) It is Hot and Dry, Diffusive, Digestive, Cephalic, Pectoral, Cardiac, Hysteric, Carminative, Alexipharmic, and Analeptic. It strengthens the Brain, Heart and Stomach, and is wonderful against fainting and swooning Fits, the Epilepsy, Apoplexy, Megrim, Vertigo, Palsy, Tremor, Lethargy, Catarrh, the Running Gout, and Diseases proceeding from Cold; if inwardly taken, ʒ ʒj. ad ʒij. and outwardly, rubbing the part affected.

48. *Aqua Hysterica*, the Womb-Water.

Rx. *Nutmegs* ʒvj. *Mace*, *Ginger*, *Grains*, *Cloves*, *A*. ʒʒ. *Rhubarb* ʒj. *Castor*, *Spicknard*, *A*. ʒʒ. *Oil of Bays* ʒij. let the Spices be whole; and put them into the best Canary,

or *Rhenish Wine* ʒlxiv. digest in a Glass close stopp'd ten days, strain and beat the Spices to a Pulp; then digest them together again 3 or 4 days, and draw off the water in B. M.

Salmon.) This is as good a Cephalic as an Hysteric, curing most Diseases of the Head and Womb: it is exceeding good against the Epilepsy, and Fits of the Mother, Obstructions of the Spleen, Melancholy, and gross Vapors, ascending to the Head. Dose ʒj.

49. *Aqua Magnanimitatis*, Water of Magnanimity.

Rx. *Great Ants* or *Pismires* that smell sour, gather'd in May or June, M. ij. S. V. rectified so much as may cover them the breadth of three fingers, digest them in a close Vessel, till by putrefaction they turn to water, to ʒij. of this water, add flowers of *Rosemary*, *Roses*, *Bugloss*, *Marjoram*, *Bawm*, ana M. j. *Castor* ʒiv. Confection of *Anacardiums* ʒij. *Diamoschu Dulcis* ʒj. *Waters* of *Bugloss*, *Betony*, and *Tile-flowers*, *A*. ʒvj. digest forty days, then distil in B. M. and rectify with the Salt of the Caput Mort.

Salmon.) Some say, That those Ants should be taken which are full of Eggs, and in the Full of the Moon, and so digested to the next Full Moon. It attenuates, is Pectoral, Traumatic, Vulnerary, Cephalic, Cardiac, and Analeptic. It cures Consumptions, and by reason of the *Anacardiums*, wonderfully strengthens the Memory, fortifies the Brain, and, as some think, begets Courage, from whence it had its name: if you please, you may add to the Composition ʒj.

of bruised Cinamon. *Hofst. Pharm. Lib. 6. P. 164.*

50. *Aqua de Tribus Paracelsi.* Water of three things.

Rx. Rectified Spirit of Tartar, ℥iij. Spirit of Vitriol, ℥j. Treacle water camphorated, ℥v.

Salmon.) If you have not Treacle Water camphorated, you may take our *Aqua Vitæ* camphorated at *Secl. 45.* It is a powerful Remedy against the Plague and all Pestilential and malign Diseases, resists Poyson, expelling every thing by Sweat. It is a great Sudorifick. Dose \bar{a} \bar{z} \bar{j} . ad \bar{i} .

51. *Aqua Theriaca camphorata*, camphorated Treacle Water.

*Rx. Venice Treacle, ℥v. Myrrh, ℥iij. Saffron, ℥ss. Camphir, ℥ij. S. V. rectified, ℥x. digest them in a Glass Still in a warm place forty days, then distil in B. M. begin with a small heat, so soon you have a strong Spirit, cohobate upon the faces three times: or you may extract the other thing with the Spirit, and then camphorate the Tincture by *Secl. 45.**

Salmon.) This is a noble Diaphoretick: *Crollius* saith it is an Antidote against Plague, Poyson, and all malign Diseases. Dose \bar{a} \bar{z} \bar{j} . ad \bar{i} . It serves for the former Water.

52. *Aqua Theriaca Epidemica*, The Epidemick Water of Treacle.

Rx. Juices of Goats-Rue, Sorrel, Scordum, Citrons, A. lbj. Venice Treacle, Mitbridate, London Treacle, ana. ℥iij. mix, digest them 20 days, then distil.

Salmon.) The Title shews the Virtues for which it is singular: Dose two or three spoonfuls.

53. *Aqua Hysterica Crollii*, *Crollius* his Hysterick Water.

Take Roots of *Ditany*, *Dancus* Seeds, ana. \bar{z} . Cinamon, *Cassia* Ligna, Balsam, ana. \bar{z} \bar{i} . Castor, Oils, Saffron, \bar{z} \bar{i} . make all into a powder: to which put water of Rue lbiiss, infuse them a Month, then distil in B. M.

Salmon.) It is an excellent Water for a diseased Womb; it expels Wind, and helps Fits of the Mother: Dose \bar{a} \bar{z} \bar{i} ad \bar{i} .

54. *Aqua Philosophorum*, The Philosophers Water.

Take Juice of Honsleek, lbiij. Juices of Plantane, Sorrel: A. lbiij. Juice of Endive, lbi. Flowers of Elder, lbiij. Water-lillies, lbiiss. Lettice, Purslain, Night-shade, A. lbi. Henbane, lbi. Flowers of Corn and Garden poppies, and lbi. Roses and Violets, ana. \bar{z} \bar{v} . bruise what are to be bruised; and digest all in a Cellar ten days: then distil in B. M. till it be dry, repeat the distillation in six times upon fresh Herbs (leaving out the dry matter) then rectify, and impregnate it with the Salt of the Faces: digest in cold Earth forty days.

Salmon.) It stops Catarrhs falling upon the Lungs, and is good against Coughs, helps spitting of Blood, stops Fluxes, eases all sorts of pains, and is beneficial against most hot Distempers. Dose \bar{a} \bar{z} \bar{i} . ad \bar{i} .

55. *Aqua Comminuens Calculum*, *Horslvi*, A Water to break the Stone.

Rx. Of the Juices of Leeks, Onions and Radishes, ana. lbiij. Juices of Lemons, Pellitory and Mouse ear, A.

libis. Calx of Crystal, Pidgeons dung, ana lb. ss. digest ten days, ferment, then distil.

Salmon.) This is one of the most excellent Medicines yet known against the Stone: I have known it do Wonders, even in desperate cases: You may give à zj. ad ʒss. at a time: If to the composition you add Sows or Hog-lice lb. ij. it will be much better.

56. *Aqua Pectoralis Francoforti*, Pectoral Water from Frankfurt.

R. Scabium, Pauls-betony, A. M. ij Maiden-hair, Sage, Hyssop, Horhound, Liverwort, A. M. j. Flowers of Borrage, Bugloss, Violets, A. M. j. roots of Orrice, Elecampane, Parsly, A. ʒss. Anniseeds, Fennel, Nettle seed, Cinamon, Saffron. A. ʒss. bruise and digest them in Rhenish Wine, lb. vj. for a Week; then distil in B. M. to the distilled Water add Sugar Candy ʒvi. Spanish juyce of Liquorice, ʒj. dissolve, decant, and keep it for use.

Salmon.) There is no better nor greater Pectoral than this: especially if you add. (when you add the juyce of Liquorice) Salt of Tartar, ʒvi. It not only opens all Obstructions of the Lungs, helps Coughs, Colds, Asthma's, spitting of Blood and Matter. But also gives ease in all Nephritick Pains, and breaks the Stone. Dose ʒi. at a time.

57. *Aqua Picarum composita*, compound Water of Mag-pies.

R. Piony seeds and roots of Pelitory of Spain, A. ʒi. Birthwort long, ʒiii. Mistlet of the Oak ʒss. Castor, ʒi. Flowers of Steechus, ʒi. Lilly-convally ʒss. Cornslips, Peony flowers, and ʒvi. flowers of La-

vender, Rosemary, Sage, Marjoram, Betony, Hyssop, ana ʒss. Cinamon, Cloves, Nutmegs, Cubebs, Cardamoms, ana ʒss. Jamaica Pepper, ʒss. bruise and cut them, and infuse them in Water of Lilly-convals lb. iii. Tils Flower-water, lb. ss. Cowslip water lb. i. to which add yorling Mag-pies beaten to a Mass, (the Feathers and guts cast away) N^o xii. digest all together ten days, then distil in B. M. to which add the S. salt of the faces. Horst. Pharm. lib. 8. p. 152.

Salmon.) Crato has something like this, but he adds roots of Orrice, ʒss. Tormentil, Dittany, ana ʒi. Seeds of Endive, long Pepper, ana ʒiii. Zedoary, shavings of Ivory, burnt Harts-horn, ana ʒi. white Amber, Mans-skull, all the precious Stones, Pearls prepared, Coral, Wood of Aloes, Peacocks-dung, Diamofchu dulce, Aromaticum Rosatum, ana ʒi. It is a Specifick against the Falling-sickness, and Apoplexy, and an excellent Cephalick and Hysterick, being wonderfully good against Fits of the Mother. Dose ʒi.

58. *Aqua Antispasmodica*, Water against Convulsions.

R. Hungarian Vitriol, ʒiv. Yellow Amber, (digested three days in Spirit of Vinegar) ʒi. Canary wine lb. ss. digest ten days in B. M. in a close Vessel, then distil in Ashes or Sand: Take of this Water ʒx. of the Waters of Black-cherries, Lilly-convals, Tils flowers, Peony flowers, ana ʒiii. roots of Valerian ʒi. Peony seeds, Juniper-berries, ana ʒiii. young Swallows gutted Numb. iii. Crows and Mag-pies, pluck'd and gutted ana Numb. i. Castor ʒi. Camphir ʒi. the Birds being steam p'd, digest

gest three days: then distil in B.M. to every pound of Water add Musk and Ambergrise, ana ℥j.

Salmon.) The Title shews the use: besides which, it is excellent against the Falling-sickness, Vertigo, and Palsy. Dose about two Spoonfuls in the Fit.

59. *Aqua Febrifuga*, The Fever-Water.

Re. Roots of *Scorzonera*, Cink-foil, Tarentil, Dittany, A. 3vi. Seeds of Sorrel, Carduus, Citrons, Venice-Treacle, ana 3ls. yellow Sanders, Sassafras, ana 3j. Goats Rue, M. j. of the Cordial flowers, ana M. ls. Harts-horn rasped 3ls. bruise, and digest in water of Carduus, Tormen-til, Succory, Corn-poppy, ana q. s. three days in a close Vessel: then add Citrons bruised, N° vi. Juices of Endive, Sorrel, Carduus, Plan-tane, ana ℥ij. Juices of Borrage, Scordium, Limons, Corn-poppy, ana ℥ls, distil in B. M.

Salmon.) It strongly resists Pu-refaction and is eminent against malignant Fevers and Quartans. Dose ab 3j. ad 3iij. or more.

60. *Aqua Damascena Schroderi*, Schroder's Sweet-Water.

Take Orrice, Cloves, Cubebs, Cin-namon, Grains, Calamus Aromaticus, ana 3j. Marjoram, Thyma, Bays, Rosemary-flowers, Damask-roses, ana, M. j. Lavender 3iij. Canary, ℥xij. digest and distil in B. M. to the Liquor so stilled, add Musk, ʒss. Civet, gr. v.

Salmon.) If you add Musked Cranes Bil, and Jamaica Pepper, ana 3j. before the Distillation, the Water will be the better. It is Hot and Dry, Attenuates, Dis-solves; is Antifebricit, Alexipha-nic, and Analeptic; and comfort

Head, Heart, and Stomach: be-sides which, it is an excellent Per-fume. Dose from one Spoonful to three, or more.

61. *Aqua pro Hædich*, Water against Hæctic Fevers.

Re. Hysep, Ground Ivy, Ros Solis, Centory, Maiden-hair, Sorrel, Cink-foil, Scabious, Succory, Burnes, Li-ver-wort, Yarrow, Agrimony, Pauls-Betony, Water-Cresses, ana M. ls. four greater cold Seeds, A. 3ls. flowers of Borrage, Bugloss, Succory, Roses, Poppies, A. P. ij. Roots of Ele-campane, Succory, Burnet, ana 3vi. Cray-fish Shells, Snails bruised, ana N° xx. Calves Lungs, lb. ls. water of Liverwort, lb. j. Goats-milk, q. s. digest and distil in B. M.

Salmon.) It is powerful against Hæctic Fevers, Phtisics, and most Diseases of the Lungs: it nourishes, restores in Consumptions, and de-stroys Acidities. Dose 3ij. morn-ing, noon and night, before eat-ing.

62. *Aqua Cordialis calida Saxo-nia*, the hot Cordial Water of *Hercales Saxoniae*.

Take Cicion Peels, Bawm, Basil, Swallow-wort, Clove-gilly-flowers, Rosemary-flowers, Savory, Dittany Scordium, Parsly, Fennel, A. M. j. macerate them in Sack three days, then distil; after that take Cloves, Mace, Nutmegs, Wood of Aloes, A. 3ij. infuse them in the distilled wa-ter, and distil again: after the di-stillation, add Musk and Ambergrise, ana gr. xv.

Salmon.) It is good against all sorts of Fevers, whether putrid or not; a great Cordial, and Up-holder of the Spirits, strength-ning the Stomach, and expelling Wind. Dose a 3ij. ad 3iv. See the

the cold Cordial Water, at Sect. 15. aforegoing.

63. *Aqua Epileptica Sennerti*, the Epileptic Water of Sennertus.

R. *Vitriol calcin'd to redness* lb. j. S.V. a sufficient quantity; of *Mans-skull*, *Mistletoe of the Oak*, *Elks-hoof*, *Peony Seeds*, A. ʒj. bruise them, digest ten days, and then distil S. A.

Salmon.) It is an exceeding good Medicine for the Intention; is very prevalent against the Apoplexy, Lethargy, Vertigo, Palsy, Convulsion, and other Head-Diseases. Dose à ʒj. ad ʒiij. in the Morning fasting.

64. *Aqua Prophylactica Sylvij*, The preservative Water of Sylvius.

R. *Roots of Angelica*, ʒdoary, A. ʒj. of *Busterbur*, ʒij. *Leaves of Rue* ʒiv. of *Balm*, *Scabious flowers of Marigolds*, A. ʒij. *Unripe Walnuts cut* lb. ʒj. *fresh Citrons cut*, ʒj. let them be all beaten together; put upon them six quarts of the best *Wine vinegar*, distilled per se in a Glass Retort in Sand to three fourth parts: let them stand in digestion all night, then distil with a soft fire (taking heed of burning) till they be dry, and keep this Water or Vinegar for use.

Salmon.) If you please, you may make a Salt of the Fæces, and add it to the Water: this is that famed Water, so often mentioned by Sylvius and Barbets: It is excellent in the Cure of Fevers, Palfies, Convulsions, and all malignant Diseases, chiefly the Plague, and Illiac Passion. Dose à ʒij. ad iv. in a proper Vehiculum.

65. *Aqua Diuretica Clossæi*,

The Diuretick Water of Clossæus.

R. *Rhenish Wine* (in which the five opening Roots and Eryngus being bruised have been steeped) lb. ʒj. *Turpentine*, *Honey*, ana ʒiij. *Juyces of Radishes and Mallows*, A. ʒvj. digest four days: to which put *Earth-worms*, ʒv. hung in a rag, and distil in B. M. to every ounce of this Water add *Spirit of Salt* (digested with a subtile proportion of volatile Salt of Amber) ʒj. mix them.

Salmon.) It is a powerful Water to provoke Urine, and break and expel the Stone: but more especially if you add Hogs-lice, N° 200. and to the distilled Water the Salt of the Fæces.

66. *Aqua Restaurativa*, the Water against Consumptions.

R. Of *Harts-horn* soft and young sliced lb. ʒj. *Juyce of Veal and Capons*, ana lb. ʒj. *Juyces of Pearmains*, lb. ʒj. *Juyces of Sorrel*, *Wood-Sorrel*, *Bugloss*, ana lb. ʒs. *Canary Wine*, lb. ʒj. *Yellow Sanders*, *Rhodium*, *Wood of Aloes rasped*, ana ʒvj. *Cinnamon*, ʒj. digest two days, then distil in B. M. Take of this distilled water, lb. ʒv. *Juyce of Citrons*, so much as will make it sharp, to which put *Clovegilliflowers*, P. iv. *Borage*, *Bugloss*, *Violets*, *Red Roses*, A. P. ʒij. *Red Poppy flowers*, ʒj. extract a Tincture, to which put *Juyce of Alkermes* ʒij. *Oyl of Pearl*, *Tincture of red Coral*, ana ʒj. digest a Month; and keep them for use.

Salmon.) This is a most admirable Restorative in Consumptions; it wonderfully refreshes the fainting Spirits, whether natural, vital, or animal; it is good

ood in Swooning Fits and Palpitation of the Heart, making the sick lively and cheerful. Dose one or two Spoonfuls.

67. *Aqua Communitatis*, the Eye-water of *Ranzovius*.

Rx. Eye-bright M. iij. Celandine, Fennel, Vervain, Betony, Dill, Ground-pine, Rue, Bawm, Clary, Pimpernel with red Flowers, ana M. j. Seeds of Bishops weed, Cloves, Mace, long Pepper, ana ℥ss. Rosemary flowers M. j. steep them a night in Rose-water and White-wine, then distil in B. M.

Salmon.) Taken inwardly and outwardly drop into the Eyes; it cleanses them, quickens the sight, takes off spots and suffusions, cures ulcers, &c. It will be much better if you add *Aqua Mellis*, ℥ss. or dissolve Honey in the Water being distilled.

68. *Aqua Aromatica*, the spicy Water, made by the Author.

Take Cinamon, Cloves, Mace, Nutmegs, ana ℥ss. Famaica Pepper ℥iv. Calamus, Lignum Rhodium, Yellow Sanders, Virginian make-roots, ana ℥ss. Ginger ℥ij. Pepper ℥j. Lavender flowers. Rosemary flowers, ana ℥j. Spirit of Wine ℔xiv. digest forty days, then distil in B. M. to the distilled Water add Saffron, Cochineal, in powder ana ℥j. Musk Ambergrise, ana ℥j. yed up in a rag.

Salmon.) It is a most excellent Cordial, comforts and strengthens the Head, Stomach, and Heart, revives all the Spirits, quickens the Senses, and fortifies the Memory, makes the whole Man lively and cheerful, rectifies most Distempers of the Head and

Heart: Resists Poyson, and is an Antidote against the Plague and all Malign Feavers, Measles, Small Pox, &c. Dose à ℥ij. ad iv. or vj. in *Aqua Cordialis frigida Saxonie*.

69. *Aqua Carminativa*, Water expelling Wind.

Rx. Camomil-water ℔x. Canary ℔vj. Camomil flowers M. xxx. bruise them, and digest together two days; strain; to the strained Liquor put fresh Camomil flowers M. xxiv. Infuse again, then strain: To the strained Liquor put again fresh flowers, M. xij. Orange peels ℥jss. Sea Wormwood, M. ij. Small Centary, Pennyroyal, Organy, ana M. iijss. Seeds of Dill, Anisee, Fennel ana ℥j. Cardus Benedictus, Seeds of Cummin, Caraways, ana ℥ss. Juniper and Bay-berries, ana ℥ss. digest two days, then distil in B. M.

Salmon.) It is an excellent Cephalick, Stomack, Cardiack, Hyfterick, Nephritick, Alexipharmick, Anodyne and Carminative. It provokes Urine, expels Gravel and the Stone, is an Antidote against Plague and Poyson, and prevails wonderfully against the Colick. Dose ℥j.

70. *Ophthalmicum Crollij*, the Eye-water of Crollius.

Rx. Water stilled from Whites of Eggs, Canary wine, ana ℔j. Waters of Mans blood, of Roses white and red, of Celandine, of Rue, of Valerian, of Pennyroyal, of Fumitory, of Eye-bright, of Fennel, ana ℥ij. Honey ℥jss. Roach-allum, Sugar Candy, white Vitriol, ana ℥ss. Camphir ℥ij. Cloves, Ginger ana ℥j. Sals of Eye-bright, Fennel, Saturn, ana ℥j. Sals of Pearl and Coral, ana ℥ij.

℞ij. Mastich ʒi. Tutia prepared ʒiſs. Aloes ʒſs. beat what are to be beaten, mix digest, and make a clear Eye-water.

Salmon.) It is an Excellent thing to clear the Sight, dry up Rheums, and cure the Eyes of all Impediments, dropt into them 2 or 3 times a day.

71. Aqua Hypnotica, a Water causing rest.

℞. The Gall of a Hare, the Seeds of White and Black Poppys, ana ʒſs. S. V. ʒiv. Digest ten days, then distil.

Salmon.) This Water gives ease and rest, bathing the Temples, Forehead, and Wrists therewith: But if you add to it before digestion *Thebian Opium ʒſs.* it will be much more powerful, and prevalent against Melancholy, Frenzy, Madness, and in all Diseases where there is too much watching: You may give inwardly at a time about twenty or thirty drops in any convenient Liqueur, when the Opium is added, but be cautious of it.

C A P. II.

Of SPIRITS.

1. Spiritus Antepilepticus, Spirit against the Falling-sickness.

℞. Spirits of Amber, of Rosemary, of Lavender, of Harts-horn, ana ʒi. Spirit of Mans-skull, ʒvi. Black-cherry Water, Peony Water compound ana ʒvii. mix them; to which add Tinctura Lunæ ʒſs. Salt of Mans skull, Salt of Amber, ana ʒi. digest forty days, and keep it for use.

Salmon.) It is good against the Falling-sickness, Apoplexy, Vertigo, Megrim, Fits of the Mother, and all Diseases of the Head and Womb. Dose in a spoonful or two either alone, or in generous Canary, or in Broth every morning fasting.

2. Panacea, Theophrasti Pa-

racelsi, the All-heal of Paracelsus.

℞. Of the highest rectified Spirits of Bawm, of Mugwore of Valerian, of Burnet, of Juniper, ana ʒi. Quintessence of Venus, Oyl of Salt, White Sugar-candy ana ʒvi. mix them, and keep the mixture in a Glass with a Glass stopper.

Salmon.) This noble Medicine preserves the Body, as *Horstius* says, *Per totam vitam integrum*, in health during the whole Life. It takes away heaviness of the Head, cures the Apoplexy, Palsy, Epilepsy, and other dangerous Diseases of the Head: It sharpens the Eye-sight, stays Vomiting, and strengthens a weak Stomach, it helps Asthma's, and most Diseases of the

the Lungs: It corrects the vices of the Liver and Spleen; and recreates all the powers of the body: It is profitable against Leprosie, Jaundice, Colick, Stone, Disaffections of the Womb, and many other Diseases. Dose à ℥j. ad ʒss.

3. *Spiritus Apoplecticus Clossai*, Apoplectick Spirit of Clossau.

Take Spirit of Deers blood ℔ss. Lavender flowers ʒiv. infused in Peony-water: distil in B. M. in the middle of the Distillation add new flowers: Which steraze the third time: Draw off the Spirit; and mix therewith Spirit of Wine rectified ʒij.

Salmon.) It is powerful against the Apoplexy, Epilepsy, Palsy, Vertigo, Pleurisy, Asthma, Cough, &c. Dose à gr. vj. ad ℥j.

4. *Spiritus Cerasorum Nigrorum*, Spirit of Black-cherries.

Rx. Of Black-cherries what quantity you please, beat them and put them into a Wooden Vessel, where let them remain till they ferment: Then distil by a Vesica, and the Spirit will flow or ascend.

Salmon.) It is a Specifick against the Falling-sickness, and Diseases of the Head. Dose ʒj. after the same manner you may distil the Spirit out of Quinces, Elder-berries, Dwarf-elder-berries, Straw-berries, Juniper-berries, &c. *Horsf. Pharm. lib. 7. p. 217.*

5. *Spiritus Diapente*, Spirit of Five things.

Rx. *Paracelsus's Elixir Proprietarii* ʒss. *Spiritus Theriacalis Camphorati*, ʒss. Spirit of Vitriol rectified, ʒj. Spirit of Tartar rectified ʒij. Spirit of Salt rectified (in which let Leaves of Gold N^o. 2.

be dissolved) ʒj. mix all together, and digest twenty days, and keep it for use.

Salmon.) This powerfully resists all Putrefaction, is an Antidote against Poyson, Plague and Small-Pox, opens all Obstructions of the Liver Spleen; purges both Reins and Bladder; is excellent against the Dropsies, and all manner of hot and burning Feavers, is prevalent against the Palsy, Jaundice, Plurisy and Melancholy affects of the Spleen. Dose ʒj. in generous Wine.

6. *Spiritus Theriacalis Camphoratus*, Spirit of Treacle Camphorated.

Rx. Venice Treacle ʒv. fine Myrrh, ʒijss. Saffron ʒjss. Camphir ʒij. S. V. rectified ʒx. put them into an Alembick in an hot place for a month: then distil in B. M. with a very gentle fire, cobobating three times.

Salmon.) The Spirit would be much the better if you added to the Myrrh an equal quantity of fine Aloes, and dissolved the Camphir in rectified Oyl of Amber. It is powerful against Poyson, the Plague, and all peccilential Diseases. Dose ʒss.

7. *Spiritus Antiepilepticus Hystericus*, the Epileptick Spirit of Scheffer.

Rx. Peony roots ʒj. Peony seeds, roots of Acorus, red Roses, flowers of Water-lillies, ana ʒij. Oyl of Amber, Oyl of Castor, red Sanders. flowers of Lavender, ana ʒj. Camphir ʒij. Extract of Opium ʒss. of the best Spirit of Vitriol ʒj. S. V. rectified ʒxij. first mix the S. V. and Spirit of Vitriol together: Then mix the Oyls and dissolve the Camphir therein

therein: joyn these mixtures together, and the other things (being bruised) digest them together in Sand or Horse-dung, or a very hot Balneo, for seven Days: Let the Spirit cool and settle, then decant and keep it for use.

Salmon.) It is a Specifick for what the Title expresses. Dose à gut. vj. ad xxx.

8. *Spiritus Pleuriticus*, the Spirit against the Pleurisie.

Rx. Salt-peter lbjs, Tartar lbj. distil by an Alembick, reiterating of it seven times by Cohobation.

Salmon.) This was invented by Renottus, and it is indeed an Excellent Specifick against the Pleurisie, and all Pains of the Sides, Stomach and Bowels. Dose half an Ounce in Spring-water, morning and evening.

9. *Spir. Rosarum*, Spirit of Roses.

Rx. Damask Roses, bruise them, put them into a Wooden Vessel in a Cellar, then lay them stratum superstratum with Salt or Leavan, and distil by a Vesica: put the distilled Water upon new pickled Roses, and distil again, do this so long till the Spirit is strong and exalted.

Salmon.) After this manner you may make the Spirit of other flowers: This is a true specifick to comfort and fortifie the Heart, revive the Spirits, quicken the Senses, exhilarate the mind, and repress Melancholy and idle Phantasies: besides which it is a most admirable Perfume. Dose ʒj. in some Cordial-water, or alone.

10. *Spiritus Odontalgicus*, Spirit against pain in the Teeth.

Rx. Roots of Pelitory of Spain, Seeds of Scroph-acre, Herbain,

Pomgranate-peels, Cloves, Ginger, Pepper, Olibanum, Gum Guaiac, Poppy flowers, Thebian Opium, ana Oun. j. Leaves of Tobacco, Sage, Arsmart, Horse-mint, Camphir, ana ʒij. Bruise them, and macerate in S.V. lbvj. for 14 or 20 days, then distil in B.M.

Salmon.) In using of it you are to hold it in the Mouth where the pain is: It is a good Anodyne in other cases bathing it upon the part, and taking of it inwardly from ʒj. to ʒss. in any convenient Vehicle.

11. *Spiritus Otagicus*, Spirit against Deafness.

Rx. Ants Eggs, N° 100. Roots of black Hellebor, Radishes, Sowbread, bitter Almonds, white Amber, ana ʒj. Seeds of Fennel, Cummin, Annis, Carrawayes, ana half an Oun. Pulp of Coloquintida, Castor, Leaves of sweet Marjoram, Wormwood, Savin, Rue, ana ʒij. bruise them, mix and infuse them in S.V. rectified lbvj. digest 20 days, then distil in B.M. to the distilled spirit add Hoglice alive N° 100. digest till the spirit is well tinged, then filter, and keep it for your use.

Salmon.) Put into the Ears Morning and Evening a few drops of this Spirit, stopping the Ear immediately with muskified Cotton, and it will take away the difficulty of Hearing and Deafness, as also all kinds of noise and unnatural Sounds: Use it continually till the affect is cured.

12. *Spiritus Lithontripicus*, the Stone-breaking Spirit.

Rx. Roots of Elecampane, Burnet, Parsly, Stones of a Perchus Head, Crabs-eyes, Goats-blood, A. Oun. j. seeds

Seeds of Water-carrots, white Saxi-
frage, Fennel, Annis, Gromwel,
Roman-nettles, Broom; Juniper-
berries, Winter-cherries, ana. ʒss.
Pepper white, black and long, A.
ʒij. bruise, mix, and digest in
S. V. lb. iv. for 20 days, and distil
in B. M. dissolve in the distilled
Spirit Sale of Crystal, ʒij. then add
Hog-lice, N^o 100. extract the Vin-
tūre with the Spirit, filter, and keep
it for use.

Salmon.) This breaks the Stone
in both the Reins and Bladder, and
causes it to be expelled by Urine.
Dose from one Spoonful to two,
either alone, or in Arsmart Wa-
ter. It is a great Specific in that
case.

13. *Spiritus Nephriticus*, the
Stone-breaking Spirit.

R. An Estridge Egg in Powder,
and Spirit of Salt, digest till it be
dissolved, and the Egg-shell appear in
bits; then filter, and keep it.

Salmon.) This Medicine was
invented by the Emperor's Phy-
sicians, and, as Clossaw saith, is
second to none against the Stone,
and stoppage of Urine. Dose gut.
vj. viij. or x. in Arsmart Water
with Syrup of Marshmallows: It

opens strongly, forces away Stone
and Terms, expels Water in Drop-
sies, and sometimes purges by
Stool.

14. *Spiritus Vini camphoratus*,
Spirit of Wine camphorised.

R. Camphir, put it into a Ma-
trass, and pour upon it S. V. recti-
fied the breadth of four fingers
above it, fit to the former another
little Matrass; lute them well
together with slices of Paper and
Paste: and put them into a Sand-
Furnace, so dissolve with a gentle
heat; so will the S. V. be clear
and transparent as before, and the
Camphir have a much more pleasant
smell.

Salmon.) It is a most excellent
Anodyne, easing pains in any
part of the Body. It eases pains
in both Teeth and Ears, by put-
ting a few drops into the Mouth
or Ears, and applying a little
Cotton to the part, dipt there-
in.

There are several other useful
Spirits, all which, with their Pre-
parations, Virtues and Uses, you
may see in our Doren Medicum,
Lib. 3. Cap. 2.

C A P. III.

Of O Y L S distilled.

I. Oyls out of Herbs add Flowers.

I. *Oleum Absinthij*, Oyl of Wormwood.

Colledge.) *R.* Of dried Wormwood *℥i*. Spring-water *℔x*. digest them 24 hours, and distil them in a great Alembick, with its refrigerator, or a Copper one, with a worm running through cold Water: So have you Water and Oyl, which you may part with a Funnel or separating Glass, as they call it, the separated Water may serve for a new distillation: Let two or three of the first Pints of Water be kept for the Physicians use; the which you may do, pro quantitate, in all other chymical Oyls drawn with Water.

Salmon.) Chymical Oyls are high exalted Spirits, filled with an Essential Salt; and by reason they are quick and penetrating ought to be given warily, and in small Dose, never alone but mixed with some other convenient Medicine, because they have a vehement heat and burning. They always retain the Virtues of the Simples, from whence they are drawn, as being much more pure and sublime, freed from most part of their terrestreity: The way to take them is to drop the intended quantity upon a piece of refin'd, or loaf sugar, letting it soak into it, and then to dissolve the Sugar in Wine, or some Cordial water pro-

per to the Distemper, for the Oyl being incorporated with the Sugar, will the better mix with the designed Vehicle. The Oyl of Wormwood is a great strengthener of the Stomach and Liver, stops Vomiting, causes a good Appetite and Digestion, expels Hypochondriack Melancholy, causes a good Colour in the Face, expels Wind, provokes Urine and the Terms, cures the Crchexy and Green-sickness, and dries up Hydropical Humors. Dose a gut, *℥ij*. ad *x*.

Colledge.) After the same manner are prepared the Oyls of the Leaves of Hyssop, Marjoram, Mint, Garden cresses, Organy, Pennyroyal, Rosemary, Rue, Savin, Sage, Savory, Thyme, &c. Of the flowers of Cammomil, Lavender, and of all other Herbs and Flowers which are bot.

II. Oyls out of dried Barks or Peels.

2. *Oleum ex Corticibus Aurantiorum*, Oyl of Orange Peels.

Colledge.) It is prepared as aforesaid, if the Peels be dry; but it is better prepared of them being green and full of juice, separated from the internal white part, bruised, and with a sufficient quantity of simple distilled Water; so will the Oyl be drawn easier, and greater plenty, and full as good for Physicians use: So are distilled the Peels

Peels of Citrons and Limons.

Salmon.) It wonderfully recreates and revives the Animal Spirits, comforts the Brain, strengthens the Memory, and cures most Diseases of the Head, as dulness, drowsiness, heaviness, Lethargy, A poplexy, Epilepsy, convulsion, megrim, &c. It comforts the Heart, and warms a cold Stomach, causing digestion. Dose à gut. ij. ad viij.

3. **Oleum, seu Pinguedo Rosarum, vulgo Spiritus Rosarum, Oil, Fat, or Spirit of Roses.**

Colledge.) Be as many fresh Damask Roses as you will, steep them 24 hours in a sufficient quantity of warm water: press them out, and repeat the infusion certain times, till the liquor is sufficiently strong, which distill in an Alembick with its Refrigeratory, or Copper with its Worm: separate the Spirit from the Water, and keep the Water for another infusion, you may also do the same being pickled with Salt (as taught Ch. 2. Sect. 9. out of this Book.) And in the same manner you may draw Oleum, seu Spiritus Rosarum rubrum, Oyl or Spirit of red Roses.

Salmon.) It is a great Cephalick and Cordial; It cheers and recreates the animal and vital Spirits, quickens the Senses, and revives the Heart, exhilarates the mind, expels Melancholy, is wonderful against all fainting and swooning fits; and in a word, performs whatever any Cordial can do. Dose à gut. ii. ad vi.

III. Oyl out of Seeds.

4. **Oleum ex semine Anethi, Oil of Dill Seed.**

Colledge.) Be of Dill-seed bruised lbij. Fountain-water lbxxx. digest

them 24 hours; then distill in a Copper Still or an Alembick, with its refrigeratory, separate the Oyl from the Water with a Funnel, and keep the Water for another distillation.

Salmon.) It is a powerful expeller of Wind, a strengthner of the Stomach, causes a good digestion; and helps vomiting. Dose à gut. ij. ad vi. vel x.

Colledge.) After the same manner are prepared,

5. **Oleum ex semine Anise, Oyl of Aniseeds.**

Salmon.) It is a most excellent Pectoral, curing most Diseases of the Breast and Lungs, as Coughs, Colds, Asthma's, rawness, windiness of the Stomach, Phthisick, and indeed all Diseases proceeding of Cold and Wind; It is often given with good success in Vertigo's, Megrims, and other Diseases of the Head. Dose à gut. iv. ad viij.

6. **Oleum Carni, Oyl of Carraways.**

Salmon.) It is a wonderful strengthner of the Stomach, and is proved to be a specific in the Chollick, and Obstructions of the Reins. It provokes Urine, breaks and expels the Stone in both Reins and Bladder. Dose à gut. iv. ad x. See our *Doron Medicum, Lib. 2. Cap. 3. Sect. 4.* where its virtues are more at large set down.

7. **Oleum ex semine Cymini, Oyl of Cummin Seed.**

Salmon.) It is a singular good Carminative, helps Obstructions and pains of the Spleen, Reins and Bladder, Obstructions of Urine, Stone and Wind-Chollick. Dose à gut. iij. ad viij.

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8. **Oleum**

8. *Oleum ex semine Dauci*, Oyl of wild Carrot-seed.

Salmon.) It has the Virtues of that of Carraway-seed, besides which it is of excellent force to provoke the Terms, and, in Women in labour, to bring away both Birth and after-Birth: It increases Seed, and provokes Lust. Dose à gut. iv. ad x.

9. *Oleum ex semine Feniculi*, Oyl of Fennel-seed.

Salmon.) It is a good Cephalick and Hysterick, prevalent against all cold affects of both Head and Womb: Nurses would do well to take it, for it encreases Milk, and thereby helps such Children as are troubled with Gripes: It is good against Lethargies, Palsies, Numbness, want of Motion, cold and weakness of the Stomach, Cholick, &c. It strengthens the Nerves, and dropt into the Ears helps Deafness; as indeed most of those Carminative Oyls made of Seeds do. Dose à gut. iv. ad xij. or more.

10. *Oleum ex semine Petroseline*, Oyl of Parsly-seeds, or rather Stone-Parsly.

Salmon.) It is one of the most powerful things, yet known in the Vegetable Kingdom, against Gravel and Stone in both Reins and Bladder. Dose à gut. iv. ad xij.

11. *Oleum ex semine Saxifragie*, Oyl of Saxifrage Seed.

Salmon.) It has the Virtues of the former, and the same Dose: all these Oyls may be given in Arsmare water, which is a specifick for Diseases of the Reins.

Colledge.) After the same manner also are prepared.

IV. Oyls from Aromatics, as,

12. *Oleum Cinamomi*, Oyl of Cinnamon.

Salmon.) Or you may do it after the Method which we have taught in *Our Doron Medicum Lib. 2. Cap. 3. Sect. 1.* This Oyl pierceeth even the flesh and bones being hot and dry, and is good against all cold and moist diseases afflicting the Head, Heart and other principal parts; insomuch that if one lay speechless and almost breathless it would presently recover him: It helps all Diseases which comes from cold and flegm, it digests, makes thin, provokes the Terms, and brings away both Birth and After-birth; it helps Coughs and Asthma's, and stops defluxions from the Head and Brain: It is one of the greatest Vegetable Cordials; it perfectly cures Consumptions, beyond any other thing yet known, comforting Nature, reviving of the Heart, and cheering all the Spirits Natural, Vital and Animal: It is an Enemy to Plague, Poyson, all malign Feavers and bitings of Venomous Beasts. Dose à gut. ij. ad x. In any convenient liquor: some give it in Cordial waters, some in Broth, some in Milk, some in Canary wine: ℞j. of Cinnamon yields but ℥ij or ℥ijss. of Oyl.

13. *Oleum Caryophyllarum*, Oyl of Cloves.

Salmon.) It made as Oyl of Cinnamon: It is an excellent Cephalick, Stomatiack, Cardiack, Splenetick, and Hysterick; It cures Vertigoes, Mègrims, Epilepsies, Palsies and Convulsions; it strengthens, warms a cold and moist Brain, is good against the

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Apoplexy, fortifies the Heart and Liver, opens the Spleen, revives all the Spirits, and expels Melancholy: It cures the Cholick, pains of the Spleen and Womb, and is good against the Dropfy and yellow Jaundice. Dose \dot{a} gut. ii. ad x.

14. *Oleum Nucis Myristicæ*, Oyl of Nutmegs.

Salmon.) It is certainly a most excellent Specifick against all Diseases of the Head and Womb, especially such as proceed from cold and moisture: as Apoplexies, Epilepsies, Lethargies, Coma's, Carus, Dulness, Drowsiness, Megrims, and the like. It gives ease in the Cholick, strengthens the Heart, Stomach, Liver and Womb; and is prevalent against fainting of the Heart, and swooning: It abates tumors of the Spleen and pain of the Stomach by outward unctions, being mingled with a little Oyl of Aniseeds or Ben, to abate its fiery force; and so anointing the Temples, it eases pains of the Head, helps in the Strangury and Disury, provokes the Terms, and hastens the Birth, given in a fit Vehicle: Dose \dot{a} gut. ii. ad vi. viii. or x.

15. *Oleum Macis*, Oyl of Mace.

Salmon.) It has the Virtues of Oyl of Nutmegs, and to be used in the same manner.

16. *Oleum Piperis*, Oyl of Pepper.

Salmon.) It is a true Specifick in the Cholick, and all pains of the Intestines proceeding of cold and Wind: It is good against Agues, the Dropfy, Jaundice, and Green-sickness: It provokes Urine, and Powerfully forces the Terms: Dose \dot{a} gut. i. ad iv. or vj. in Broth, or generous Wine:

Where note, That in making of these Aromatical Oyls, you are not to reduce them into Powder, but only to grossly bruise them, for so they yield the largest quantity of Oyl, especially Cinnamon.

VI. Oyls of Aromatick Woodw

17. *Oleum ex ligno Sassafras*, Oyl of Sassafras.

Salmon.) It is made as Oyl of Dill, but out of the Raspings or Pouder of the Wood, first steeped in Water, then distilled in an Alembick, continuing the distillation for some days, till the Oyl come forth. It is a good Perfume, attenuates, opens, dissolves, is sudorifick, alexipharmick, and a specifick against the Pox, and all corruptions of the humors: It opens all manner of Obstructions and cures Barrenness. Dose \dot{a} gut. iii. ad xii.

18. *Oleum ex Ligno Rhodis*, Oyl of the Alpine Rose-wood.

Salmon.) It is made as that of Sassafras. It is a singular Perfume, and now of great use for that purpose. Taken inwardly it is good against Palsies and affects of the Brain, and is excellent against the Stone in the Kidnies; so also used outwardly: Dose ad vj. drops.

19. *Oleum Santalinum Lutum*, Oyl of yellow Sanders.

Salmon.) It is a Perfume as the former, and so made: It is excellent against all affects of the Head and Heart, as Megrims, Vertigoes, Palpitation, Faintings, Swooning. It is Alexiparmick, and resists Poyson: outwardly, it cures Head-achs, Catarrhs, Vo-

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mitting. Dose ad gut. x.

20. *Oleum Agallochi*, Oyl of Wood of Aloes.

Salmon.) It is a Specifick against all Diseases of the Heart, Brain, and Nerves: refreshes the vital and animal Spirits, and therefore is excellent against fainting, kills Worms, comforts the Brain, cures the Lethargy, strengthens the whole Body; and restores in Consumptions. Dose à gut. ii. ad viii. you may use it outwardly for the same purpose.

21. *Oleum ex Ligno Juniperi*, Oyl of Juniper Wood.

Salmon.) You may make it either by descent or Retort; but it is better and clearer made as Oyl of Dill, Cinnamon, &c. by a Vetical or glass Still. It is Specifick against Diseases of the Brain and Nerves, cures Palsies, Epilepsies, Convulsions, and has all the Virtues of *Oleum Santalinum*, & *Agallochi*.

VII. Oyls from Gummy Woods.

22. *Oleum Guajasi*, Oyl of Guajacum or the Pock-wood.

Colledge.) Take Wood of Guajacum in gross powder, as much as you please, put it into a Retort and distil in Sand: the Oyl that first comes out, because it is thinner and sweeter keep by its self, which by rectifying with much water, will yet be sweeter: putting first of all the water or acid Spirit separated before hand in the distillation: which also (with the most gentle heat of a Bath) may be rectified from its flegm. The same things are to be observed in the distillation of the Oyl of Box, Oak, and other solid Woods; as also Oyl of Tartar, with its tart Spirit, which

may better be distilled out of Crytals of Tartar in the same manner.

Salmon.) 1. You ought to take a Stone Retort (a Glass one is not necessary, because the Spirit is not sharp enough to corrode) and lute it every where, up to half its neck, least it break. 2. You must lute to it a very large Receiver, least it break by violence of the vapors. 3. You must give the fire by degrees, till it comes to a fit heat, which is when the Receiver is so hot, as you can only endure to lay your hand upon it a pretty while, which distillation let last twenty hours or more, viz. till the Receiver grows cold, which is a sign that the distillation is ended. 4. The Spirit comes first alone in the form of white Vapors, then the Oyl with the rest of the Spirits, which falls to the bottom in a brown blackish Liquor. 5. That pieces are better than the gross Poudre, because they yield most Oyl, as comprehending more matter in less room: and by reason they will not swell nor run over, you may fill your Retort with them. 6. The Heart of the Wood which is black, yields more Oyl, then that which is nearer the bark which is yellowish. 7. Guajacum yields a large quantity of Spirit and Oyl, because it is full of Salt, Sulphur, and Mercury. 8. The Oyl is black and fetid, because distilled in a naked fire, and heavy, because full of Salt. 9. You may separate the Oyl from the Spirit thus: wet a piece of brown Paper with Spirit of Guajacum or water upon a Glass Funnel, into which put the Oyl and Spirit: so will the Spirit in-
tirely

tirely filterate, and leave the Oyl in the Paper: put the end of the funnel into another Glas, and then break a hole in the bottom of the Paper, and the Oyl will fall perfectly out, if your brown Paper was first well wetted.

10. Out of Guajacum, libi. you will have of Spirit xx. of Oyl xxijss. and there will be left of *Caput Mort.* or Coals about ziv. which you may calcine and make a Salt of. 11. The Spirit is purged from its flegm and fatidness, by rectifying of it in a stone-Cucurbit, with a Glas-head in a Sand-furnace, the insipid flegm comes first, which cast away, then the acid Spirit. 12. You may make an Extract, by evaporating the Oyl to the thickness of an Extract: or by drawing the Tincture with S.V. and evaporating of it to the same consistency.

The Spirit is wonderfully drying, good against old Sores, Ulcers, and Burnings: It is of greater force taken inwardly à gut.vj. ad x. or xij. in any convenient Vehicle, than a large quantity of Guajacum, for it penetrates more and has a greater activity. The Oyl has the same Virtues with the Spirits but more powerful: Dose ij. iij. or iv. drops in Cinnamon-water: It cures the Cholicke; and outwardly cures Gangreens, old Ulcers, and rotten Bones: The Extract has the same power; is wonderfully sudorifick, generally given in form of a Pill in all Venereal Diseases.

23. *Oleum Buxi*, Oyl of Box. *Salmon.*) It is drawn as the

former; where note, that Box yields more Spirit than Guajacum, but less Oyl, because it has less Salt, and is lighter; for libiv. of the Wood will yield near libiij. of the Spirit, and but zj of Oyl. Both Spirit and Oyl have the same Virtues with those of Guajacum; but this Oyl is particularly good against Ulcers and Contusions, as also pain and rottenness of the Teeth: It is given in the same Dose.

24. *Oleum de Quercu*, Oyl of Oak. *Salmon.*) Modern Professors have found the Spirit and Oyl hereof, to be as fully effectual against the French Disease, as those of Guajacum.

25. *Oleum Fraximi*, Oyl of Ash.

Salmon.) It yields Oyl and Spirit much like in quantity to Box; the Bark yields but little Spirit and no Oyl at all. The Spirit is a most excellent thing against Deafness, and tingling of the Ears, and noises thereof; because it resolves the matter (whether wind or humors) lodged in the *Meatus auditorius*, and in the first concavity of the Ear: The Oyl is excellent against the rotting of the Bones; it helps pain of the Teeth, and opens Obstructions of the Spleen and Kidnies by anointing.

26. *Oleum de Caryophyllis fatidum*, stinking Oyl of Cloves.

Re Cloves (whose Tincture has been extracted with Spirit of wine, for they are never the worse for this work) put them into a Glas-Retort well luted, and distil as in Guajacum, so have you a Flegm, and a black caustick, stinking Oyl:

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one pound of Cloves will yield about ʒviij. of Flegm, and ʒii. of Oyl.

Salmon.) Cloves yield much Oyl because they have much of Sulphur and Salt in them, and by reason of the Salt, it is sharp and Caustick. It is biting and very excellent for Pocky Pustles and sores, and all sorts of putrid and venomous Ulcers; it cures Gangreens and exfoliates rotten Bones. The acid Water cures Tettars and Ring-worms. After this manner you may draw a stinking Oyl of Juniper-berries, after they have yielded their Aromatick Oyl.

VIII. Oyls of Berries.

27. *Oleum Baccarum Juniperi,* Oyl of Juniper-berries.

Colledg.) *Rx* of the fresh Berries ʒbj. bruise them and put them into a wooden Vessel with fountain water, ʒxxxiv. *Sharp Leaven,* ʒbj. keep them in a Cellar three Months stopping the Vessel close, then distil them in an Alembick, with a sufficient quantity of simple water: after the Oyl is separated, keep the water for another distillation. In the same manner is made Oyl of Bay-berries, Ivy-berries, &c. Or you may draw Oyl from the aforementioned Berries bruised, and steeped 24 hours in warm water, adding to every pound of Berries, six pounds of Water, and then distilling by a Vesica, or Alembick, as before.

Salmon.) This Oyl is a specific against the Stone in the Reins and pains of the Yard: It expels Wind out of the Body, Urine, Gravel, and the Terms; it roots out all Feavers, Jaundice, Dropsy, Gout and Cholick; it cures the Gonorrhæa, and all

pains of the Reins; it opens all Obstructions of the Liver, Spleen, Gall and Lungs; and cures Ulcers, and scirrhus Tumors in those places; it helps all Diseases of the Head; as Vertigo's, Megrims, Convulsions, Falling-sickness, dead Palsies, and Numbness; it provokes Sweat, and expels both Plague and Poyson: Dose ʒ gut. iv. ad x. Where note, 1. That this Oyl (as also most other Aromatick and Balsamick Oyls) is now generally drawn with Spirit of Turpentine, three or four times rectified from its red Oyl, to the end that being incorporated with the Essence of Juniper, it might augment the quantity; but that is a cheat. 2. That this Aromatick Oyl of Juniper (as of all other Aromatick Oyls) is nothing but the subtilest part of its volatile Salt, Sulphur and Mercury, from whence it receives its tast, smell, and colour or Tincture; though the Salt and Sulphur are predominant, of which the Sulphur is chief, because it swims upon its flegm; which otherwise, was it full of Salt, would sink to the bottom, as Oyl of Cinnamon, &c.

28. *Oleum Baccarum Lauri,* Oyl of Bay-berries.

Salmon.) It is made as the former: It is prevalent against the Megrim, and all cold affects of the Joints and Nerves; it helps the Carus, Lethargy and Vertigo; and is good against all sorts of Agues, Quoridian, Tertian & Quartan, being anointed on the Back-bone, a little before the Fit: taken inwardly $\text{ʒ gut. iii. ad$

vj. vel viii. It is a specifick against the Cholick, Stone in the Reins, and other affects of the Bowels.

29. *Oleum ex baccis Hederae*, Oyl of Ivy berries.

Salmon.) It is made as Oyl of Juniper, given chiefly in Feavers, Stone, and Stoppage of the Terms, being a counter-Poyson, and an Antidote against the Plague and all Pestilential Diseases. Dose \dot{a} gut. ii. ad vj.

IX. Oyls out of Gums.

30. *Oleum Terebinthinae*, Oyl of Turpentine.

Colledge.) Take of Venice Turpentine, as much as you please, put it into an Alembick, or a Copper Vesica with its refrigeratory, with four times its weight of fair water, putting under it a convenient fire; so shall you have a thin and white Oyl, like water, and in the bottom of the Vessel will remain the Colophony. This clear Oyl may be drawn more commodiously, and free from danger of burning, in a glass Still with its head, in BM.

Salmon.) 1. You must not fill the Vessel with Turpentine above one eighth part; and then fill it but half full of water, lest the Turpentine should boyl over, and run in Substance into the Receiver. 2. In distilling you have Flegm, Spirit and Oyl; but the Flegm will sink to the bottom, and the Oyl and Spirit will swim at top. 3. You may separate the Flegm by a Funnel, and keep the Spirit and Oyl incorporated together. Or, 4. You may separate the Spirit and Oyl thus, fill a glass Retort luted to the neck, half full of your matter, set it on a round, in a little Circulatory

fire; and distill till you have three parts of Spirit, and that in the bottom of the Retort looks like a thick red Oyl. Rectify this Spirit again in another Retort by the same sort of fire, so as to distil three quarts and a half in Spirit and the rest be in the form of a thick red Oyl: rectifie the Spirit again, doing thus so long as any Oyl will remain after the extraction of the Spirit: so shall you have the Spirit pure, divested of its Oyl, and without smell, yet retaining its force and acrimony.

5. At *Provence*, (where the greatest number and quantity of Essences are made) it is the only thing used in the Extraction of the Essences, and oleaginous properties of all Aromatick Woods, Barks, Leaves, Flowers, Berries, Seed, &c. Because being naturally of an unctious Body, and having been robbed of a great quantity of its homogene Oyl, it is hungry, and therefore is easily impregnated with the Oily essence of the said Aromaticks: so likewise being void of smell, it greedily sucks their Balsamick odour by mere infusion in it, which then is distilled in a Vesica, as is Spirit of Wine, so that the Essences which are commonly sold, are not drawn from the Drugs alone; but are only the Spirit of Turpentine impregnated with the Sulphur of Aromaticks. 6. There is another way of drawing the Spirit and Oyl which we have taught in the first Book of this Dispensatory, and in our *Doron Medicum*. Lib. 2. Cap. 3. Sect. 9. The Spirit is a powerful Diuretick and Stone-breaker; it

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opens

opens all Obstructions of the Reins, and Passages of the Seed; and takes away pain and foreness proceeding of cold. It dissolves all Gums better than Spirit of Wine, and that without any additional heat, and therefore is said to be used in making of the best Varnish. It dissolves with a small heat Brimstone, and makes of it an excellent Blood-red Balsam, and extracts from crude Antimony a blood-red Tincture, &c. The red Oyl is a most excellent Anodyne; and because it has lost all its acrimony and sharpness, cures wounds of the nervous parts to a wonder, which Falopius saith, it will do in 24 hours.

31. *Oleum Myrrhæ*, Oyl of Myrrh.

Colledge.) R of Myrrh bruised, Bay-salt, A. lbvj. dissolve them in Spring-water, lbix. and distil in a Copper Still or an Alembick according to Art.

Salmon.) There is another way, which we have taught in our *Doton Medicum*, Lib. 2. Cap. 2. Sect. 10. Or you may do it thus, fill a Glass Retort, well luted half full of Myrrh broken into pieces, place it in the Furnace of a circular Fire: fix to it a large Glass Receiver, and give Fire Gradatim, so will abundance of white Vapors arise, which in the Receiver will be an Oyl and Flegm, which separate by a Glass Funnel. Where note: 1. Because it is a resinous dry Gum, there is the less need of mixing of it with Sand. 2. That the Retort be but half filled, because the Myrrh will swell, and so may run over in substance. 3. That

Myrrh having much Salt and Sulphur yields much heavy Oyl, viz. out of lbj. of Myrrh ℥vij. or viij. of Oyl. and ℥v. or vj. of Flegm. 4. That the work will be done in about 5 or 6 hours. This Oyl is wonderfully detesive, and causes Wounds to mature, mixt with *Unguentum Aegyptiacum*. It stops Gangreens, and being smelt to; it helps the suffocation of the Womb. That which is distilled by the Colledges Order, is of good use to keep Wounds from putrefaction, cures Pleurifies, and the Cholick, Fluxes, Feavers, and Agues, and cures deafness if dropt into the Ears.

32. *Oleum Myrrhæ per deliquium*, Liquor of Myrrh.

Colledge.) Boyl Hens Eggs till they are hard, cut them through the middle of the length: take out the Yolks, and fill the Cavities half full of beaten Myrrh, put them together again, and bind them gently with a thread, place them between two dishes in a moist place, a Grate being put between, so will the Liquor of the Myrrh distill down into the lower dish.

Salmon.) It is a good Pectoral given gut. xxx. at a time fasting, in jyce of Liquorice, dissolved in Canary: given in Essence of Bramble-berries not ripe, it stops the whites in Women. Outwardly it is a Cosmetick; makes the face fair and youthful. Culpepper was much mistaken to think this and the former to be both one, and to have the same Virtues.

33. *Oleum Cera*, Oyl of Wax.
Colledge.) Take of yellow Wax melted, lbj. mix it with Powder of Niles, lbij. put them into a Retort, and

and draw out the Oyl in sand, which rectifie with a great quantity of water. Or add to the new distilled Oyl, a double quantity of new wax, cut into small bits, and distil again by a Retort with a gentle fire in sand.

Salmon.) It is to be noted 1. That you had better take five parts of powder of Tiles or Bricks to one of Wax, which you are to make into little Balls. 2. That you use a glass Retort well luted, because the Oyl would Penetrate an earthen or stone one. 3. That you give fire by Degrees. 4. That being hot, the slegm comes first in white vapours, and then the Oyl in the same form, which is condensed into a red stinking Oyl, and being cold, congeals into Butter as yellow as gold. 5. That the operation will be done in about 5 or 6 hours. 6. That ℥ij. of Wax will yield ℥xiv. of Oyl, and not ℥j. of Elegg. 7. That being divers times rectified, it will be white and clear as whites of Eggs, and nothing near so stinking.

This precious Oyl is excellent against suffocation of the Womb: it heals all green Wounds instantly, as also burnings and scaldings, although with Oyl, and that in few days, by anointing with it, and laying a cloth thereon, wet in the same. So also it cures baldness, it is excellent in old Ulcers, and wonderfully eases pains of the Gout and Sciatica: It helps chops in the Hands, or in Womens Nibbles; it asswages all swellings, and helps Breasts that are swollen and ulcerated. Mixed with Oyl Olive and anointed (with a Truss) cures Rup-tures: inwardly gut. xx, or xxx.

mixt with white Sugar and drunk with Rhenish Wine, provokes Urine and the Terms, helps fits, stitches and pains in the Loins.

Colledge.) After the same manner is drawn Oyl of Fats, Gums, and Rosins, which cannot be beaten into powder; as,

34. *Oleum Ammoniaci*, Oyl of Gum Ammoniac.

Salmon.) It is good against fits, opens obstructions of the Spleen, attenuates, dissolves, and is prevalent against the Gout, outwardly and inwardly used. Dose ad gut. vj.

35. *Oleum Caranae*, Oyl of Carana.

Salmon.) It is powerful in the dissolution of Tumors, stops cold distillations, eases pains in the Nerves and Joynts, and cures green Wounds, chiefly of the Muscles.

36. *Oleum Opopanacis*, Oyl of Opopanax.

Salmon.) It is emollient and digestive, and has all the Virtues of the former.

37. *Oleum Sagapeni*, Oyl of Sagapenum.

Salmon.) It is good against Palsies, Cholick and Agues, and all cold Diseases of the Stomach, Nerves, Joynts and Spleen: it provokes the Terms, and brings away both Birth and after-birth.

38. *Oleum Styracis Liquida*, Oyl of Liquid Storax.

Salmon.) It is emollient, and digestive, and an excellent thing to heal Wounds.

39. *Oleum Tacamahacae*, Oyl of Tacamahac.

Salmon.) It is a specifick to soften Tumors and Nodes, give ease

case in the Gout, and to cure Wounds in the Nerves and Joynts; it strengthens the Womb, and is Anodyne.

40. *Oleum Lateritium Philosophorum*, Oyl of Bricks,

Colledge.) Take Bricks broken in pieces, as big as Beans or Pigeons Eggs, heat them red hot, and quench them in old Oyl, letting them ly till they be cold; take them out, beat them into fine powder, and distill them in a Retort, with a convenient Receiver, in an open fire by degrees; the Oyl dropping from thence, keep in a glass close stopp'd.

Salmon.) This ought to be done as oyl of Wax; and if you please you may put the Oyl ℥ij , to powdered Bricks ℔v . If there is less of the Brick, the Retort will break. 2. Give fire *gradatim* till the flegm is come over wholly, which you may know when the matter makes no more noise in the Retort, then encrease the heat and make a fire of suppression, by covering the Retort with live Coals; so will you have a red and black Oyl. 3. If then there comes fumes, the fire is too strong, and ought to be lessened. 4. The work will be done in about five hours. 5. That ℥ij . of Oyl will give of distilled Oyl, about ℥iv . which separate from the flegm, as we have already taught. 6. That this Oyl being rectified in a glass Receiver in a sand fire, it will be yellowish and less tart. It is reported to be a Specifick in the Gout and Sciatica, and all Diseases of the Nerves and Joynts proceeding of cold. It is very penetrating and resolving, and a great Anodyne in pains proceeding of cold

humors. It mollifies hard swellings, helps the dolor of the Spleen and Reins, and is excellent against Cramps, Palsies, and numbness.

41. *Oleum Succini*, Oyl of Amber.

Colledge.) ℞ of yellow Amber p. j . burnt Flints, or powder of Tiles, p. ij . mix them, put them into a Retort, and let them be distilled in sand, the white and clear Oyl, which comes first, keep by it self, then distil on, till all come out, keep both Oyls severally, and rectify them with water. The salt of Amber, which sticks to the Retort gather, and being purged, by solution, filtration and coagulation, according to Art, keep it for use.

Salmon.) You may otherwise distil it with Spirit of Wine, which is the better way, being less stinking, and more penetrative: Thus, ℞ yellow Amber in gross powder ℥iv . put it into a glass Retort well luted; to which put S. V. ℥viii . so as the Retort be not above half full; put the Retort on a round hollow earthen pan in the circular Furnace, to which fit a large glass Receiver, without luting to the Retort, lest the vapours of the spirit of wine should break it, increase the fire *gradatim*, and at last give a fire of suppression, that you may drive out the Oyl with the spirit of wine, which continue till no more clouds appear in the Receiver, for that is a token that all the Oyl is come over; so will you have S. V. ℥ii . impregnated with red Tincture of Amber ℥viii . and of the black Oyl ℥ii . which separate by a Funnel. Here is to be noted, 1. That Amber may be distilled alone, but its Oyl will stink the more.

2. That

2. That S.V. will extract a red Tincture from the Oyl, having the same Virtues with the former which was distilled. 3. That out of *thj.* of Amber, you may draw Oyl *℥iij.*

The Oyl is bitter and *fætid*, excellent against Fits of the Mother, the Epilepsy, Convulsion, Palsy, Lameness, Numbness, Wounds of the Nerves, &c. It is a certain specifick for the cure of the Piles: I have successfully used it, without ever failing. It cures Deafness and pains of the Spleen, mixt with equal parts of Lard: I recovered a Child which had lost the Use of all its Limbs, and that only by anointing. It is also prevalent against the Gout and Sciatica: Dose inwardly *â gut. iij. ad xij. or xvj.* It strengthens the Brain and Senses, fortifies the Body, revives the Spirits, and causes speedy delivery to Women in Travel: It is excellent against Fevers and Agues, Plague and Poyson, the Vertigo, Megrim, Catarrhs, Jaundice, Cholick, Lethargy, dimness of Sight.

The Ambred Spirit of Wine, has all the same Virtues, but not altogether so powerful; yet a specifick against Fits of the Mother and Falling-sickness.

Colledge.) In the same manner is distilled,

42. *Oleum ex Gagare*, Oyl of Jer.

Salmon.) Though the Colledge orders Jer to be distilled as Amber, yet it is not the best way: for being of a dry substance, it does not swell, and therefore needs no powder of Tiles: you

may do it thus, Put pieces of Jer, *thjv.* into a Glass Retort well luted, filling it to the Neck, and placed on an earthen Pan as before: lute well to its Neck, a large Receiver: give a gradual fire, then a great circular fire, then a fire of suppression: so in the Receiver you will have many white Vapours, which will dissolve into Spirit and Oyl: and in about 12 hours you may finish the distillation: where note, 1. That Jer *thj.* yields Oyl *℥ij.* and Spirit *℥x.* which separate by a Funnel. 2. That the Oyl of Jer sinks to the bottom, by reason it is full of Salt. It has all the Virtues of Oyl of Amber, and to be used in the same manner, but stinks worse: The Spirit also, has the same nature, but more weak.

Colledge.) Also the Oyls of Gums and Resins, which may be reduced into powder, as of Benjamin, Mastich, Frankincense, &c.

43. *Aqua Tartarea*, Water and Oyl of Tartar.

Colledge.) By Vitriol calcin'd to whiteness *thj.* white Tartar *thj* powder and mix them; then distill by a Retort: the water, separated from the Oyl, rectify.

Salmon.) This is an Addition in the new Dispensatory, which was not in their old The rectified water, mixt with a sufficient quantity of Rose water, and dropt into the Eyes, cures most Distempers happening to them. Taken inwardly in Rhenish Wine it opens Obstructions, and cures the Green-sickness, &c. It is a natural kind of Liquor.

Oyls

Oyls added by the Author.

44. *Oleum Odontalgicum*, Oil against the Tooth ach.

R of the strongest Oyl of Sulphur, Oyl of Guaiacum, Oyl of Box, Tincture of Cloves, Tincture of Opium, *SV*. camphorized, *A*. mix them, and you will have an oily red Liquor, which keep in a Glass close stopt.

Salmon.) It is a Specifick against the Tooth-ach, destroying that sharp humor which falls on the Teeth, apply it to them in a Pellet of Cotton as big as a Pea dipt therein; or put it in the hollowness, and presently the Rheum will fall away in abundance, and the pain will cease.

45. *Oleum de Spica*, Oyl of Spike or Lavender.

R the greater Spike, or broad white leaved Lavender, macerate it in Rhénish Wine, then distil by an Alembick: so have you Spirit and Oyl, which separate.

Salmon.) It is seldom used by it self, but mixt with other Topick Medicines, as *Emplastrum Vgonis*: for the Virtues see the Herb. Lib. I. Cap. 4.

46. *Oleum Otalgicum Mynsichti*, Mynsicht's Oyl against Deafness.

R Roots of black Hellebor \mathfrak{z} ss. Pulp of Coloquintida \mathfrak{z} ij. choice Senz Bay leaves, *A*. \mathfrak{z} ij. live Hglice, Oyl of Musk, Cloves, *A*. \mathfrak{z} ijss. leaves of Rosemary, Monse-ear, Marjoram, savin, *A*. M. ss. boyl all in Canary Wine, strain, and take of the straining \mathfrak{z} ij. Oyl of bitter Almonds, \mathfrak{z} ij. of Juniper-berries, of Niter, *A*. \mathfrak{z} ijij. Oyl of Anti, \mathfrak{z} ijss. boyl them again to the

consumption of the humidity, and keep the Oyl for use.

Salmon.) This Oyl dropt into the Ear, and it stopt with a little Cotton dipt therein is an excellent thing against thicknes of hearing, noise in the Ears and Deafnes.

47. *Oleum Carminativum*, Oyl breaking Wind.

R of the distilled Oyl of Cummin seed \mathfrak{z} ss. of Fennel, Annis, Caraway, *A*. \mathfrak{z} j. of Dill, of Orange-peels, of Camomil, *A*. \mathfrak{z} ss. mix and keep them for use.

Salmon.) This is a true Anodyne and expeller of Wind, prevalent against all Diseases of both Head and Womb, arising from cold and ventosity; it is an exceeding good Pectoral, easing pains of the Ventricle, Liver and Spleen, Reins and Bladder: it cures the Cholick almost in a moment, and takes away the Hypochondriack Melancholy. Dose a gut. iiii. ad vj in any proper Vehicle: you may use it as well outwardly as inwardly.

48. *Oleum Nephriticum Mynsichti*, The Stone-breaking Oil of Mynsicht.

R rectified Oyls of Amber, of Turpentine, and Juniper-berries, *A*. \mathfrak{z} ijij. Leaven of Household-bread, common Salt, white Tartar, *A*. \mathfrak{z} j. waters of Ground-Ivy, of Stone-Parsly, of Rest-Harrow, *A*. \mathfrak{z} ijij. mix them: digest ten days, then distil in an Alembick: separate the Oyl, and keep it for use.

Salmon.) It is a very powerful Remedy to break and expel the Stone, both in the Reins and Bladder: It gives ease in the most

most intollerable pains of the Cholick; strengthens the Womb, and facilitates Delivery, given in Vervain Water, or Rhenish-Wine: It cures most affects of the Head and Nerves, as Convulsions, Lethargy, &c. given in Tile-flower water; so also it cures Agues, anointing withal down the Back-bone. Dose in the Morning à gut. iij. ad vi.

49. *Oleum Sabinæ crocinum Mynsichti*, Mynsicht's Oyl of Savin.

℞ distilled Oyl of Savin ℥iij. Oriental Saffron ℥iij. rectified spirit of Mugwort, Centory the less, and Cinamon, A. ℥j. digest ten days, abstract the Spirit, and separate the Oyl for use.

Salmon.) The intention hereof is to provoke the Terms, which it is very good for; you may give morning and evening (after due preparations of the Body) à gut. iij. ad vi. in Rhenish Wine, or some appropriate decoction.

50. *Oleum Lignorum Mynsichti*, Oyl of the Aromatick Woods.

℞ the Rasplings of *Lignum Sætum* lbij. of Sassafras and Rhodium, A. lb ss. mix and distil according to Art: so have you Spirit and Oyl, which separate, rectify them at several times, keeping them for use.

Salmon.) The Spirit is Diaphoretick, and expels Poyson and Venom, especially of the French Disease by Sweat, and all other malignities lodging in the Body: Dose à ℥ss. ad ℥j. The Oyl is a Specifick in a Gonorrhæa, and Venereal Contagion, being given in a proper Vehicle, à gut. v. ad viij. outwardly it cures pocky Ulcers, Pustles and Scabs, only by anointing.

51. *Oleum Balsami Mynsichti*, Mynsicht's Oyl of Balsam.

℞ of the distilled Oyls of Hypericon, of Bay-berries, and of Juniper-berries, A. ℥j. Oyl of Peter, ℥ss. Oyls of Rhodium and Spick, A. ℥ij. Oyl of the seeds of Angelica and Anise, A. ℥j. Cypress Turpentine, lbss. Oyl of Olives lbj. mix them and make a rubicund Balsam.

Salmon.) It heats, opens, diffuses, attenuates, and penetrates; it is exceeding good against all cold affects in any part of the Body: It wonderfully dissipates Winds and helps the Palsy, and other Diseases of the Nerves. It cures noise and pains in the Ears, and Deafness. It takes away the violence of Feavers and Agues, and cures them being anointed along the *Spina dorsæ*: It resists Putrefaction and the Plague. It provokes Sweat, is good against Convulsions, the Cholick, Dropsy, Fits of the Mother, weakness of the Stomach, Coagulations of the Blood, and the Stone. Dose à ℥j. ad ℥j. It is used both internally and externally against all manner of pains;

52. *Oleum Balsami, Petri de Ebano*, Peter de Ebano his Oyl of Balsam.

℞ of Myrrh, Aloes, Spicknard, Dragons-blood, Frankincense, Mummy, Opopanax, Carpobalsamum, Bdellium, Ammoniacum, Sarcocolla, Saffron, Mastich, Gum Arabick, liquid Storax, Labdanum, Castor, A. ℥ij. Musk ℥ss. Turpentine the weight of them all: being bruised and beaten, let them be mixt, and distilled in B.M.

Sal-

Salmon.) This Artificial Balsam has all the Virtues of the former, and of the Natural Balm, and by Chyrurgians is often used in place thereof. It is of great use in curing Wounds, for it warms, glutinates and dries. It cures the Palsy and all the Vices of the Nerves: helps the Palpitation and Trembling of the Heart; as also Swooning fits: It cures Feavers anointed on the back before the fit, and so also restores such as are in a Heſtick. It takes away Sadness and Melancholy, helps the Falling sickness, and Suffocation of the Womb, and preserves dead Bodies from Putrefaction. Dose a gut. vj. ad xv. or xx. In stead of the Gum Arabick you would do better to add Cinnamon. There are several other Descriptions hereof, which you may see in *Fuchſus* and *Eronimus*. X. Oyls distilled by Expression.

53. *Oleum Formicarum Myrsinici*, Oyl of Ants.

R live Ants, seeds of Rocket, ana, bruise and mix so as to make a pisse; put it into a glass, stop it close, and set it in the Sun, or in Balneo, for a month, then draw forth the Oyl by Expression, and keep it for use.

Salmon.) This is excellent against the Palsie, Convulsion and numbness of any Member or Limb, by anointing the Part: It also stirs up Lust by anointing the Pubes, Yard, and places adjacent. It provokes Urine, and eases pains of the Spleen.

54. *Oleum Amygdalarum dulcium*, Oyl of Sweet Almonds.

Colledge.) *R* Oyl of Sweet Almonds fresh and good, as many as you please, blanch them, beat them in a stone

Mortar, and squeeze forth the Oyl in a press without heat.

Salmon.) If it be done without heat, you will have but a little Oyl: you will do well to do it in a double Vessel, and being so heat, to press them.

55. *Oleum Amygdalarum amarum*, Oyl of bitter Almonds.

Colledge.) It is made in the same manner as Oyl of sweet Almonds, but that you need not blanch them, nor have such a care of the heat in pressing out the Oyl.

Salmon.) For their Virtues, see Lib. I. Cap. 6. You must blanch them, else you will have but little Oyl.

56. *Oleum Avellandarum*, Oyl of Hazelnuts.

Colledge.) It is made of the Kernels, cleansed, bruised, heated, and pressed like Oyl of sweet Almonds.

Salmon.) Put the bruised Kernels into a Glass stopped so close that no Water may get in, and then put the Glass into Balneo to heat. It is a good Pectoral, and has all the Virtues of Oyl of sweet Almonds. It is good against the Gout, and the shrinking of the Sinews.

57. *Oleum Balaxinum, vel de Ben*, Oyl of Ben.

Colledge.) In the same manner is made Oyl of Ben.

Salmon.) It is a most excellent Oyl, and the best of all made by expression (which are not Aromatick) It is without Scent, nor does it ever grow rank (so great a Spirit of Life it contains) and therefore it is used by Perfumers to imbody all Aromatick Odours which have oleaginous Bodies, because

ause it best preserves them : and
Physick it is an excellent Pectoral,
and much superior in Virtue
to Oyl of sweet Almonds, in all
such cases it may be used.

58. *Oleum Nucis Moschate Expressum*, Oyl of Nutmegs by Expression.

Salmon.) It is made as the former. - It is excellent against all effects of the Head and Nerves, helping their pain and hardness : it is powerful against the Phthick, and all cold Distempers of the Womb : It is good against the Stone, shortness of Breath, Stinking Breath, pain and Obstruction of the Spleen. It heats, cuts, makes thin, digests and heals ; comforts all the parts of Mans body inward and outward, revives and cherishes the Spirits Natural, Vital, and Animal : it cures Poyson, Plague, all manner of Pestilential infection : It softens hardness, and eases pain in any part, but chiefly in the Head (the signature of which it bears.) It is good against the Epilepsy, Palsy, Convulsion, Vertigo, Legrim, Apoplexy, Lethargy, and other Diseases of Cold ; It is good against shrunk sinews, eases and cures the Piles, expels wind, and opens Obstructions : in all the foresaid cases take it inwardly, and anoint outwardly the part affected. Dose ʒss.

59. *Oleum Macis*, Oyl of Mace.

Salmon.) It is made as the former, and has the same Virtues : see the Chymical Oyls, in Sect. 14 and 15 foregoing.

60. *Oleum Caryum*, Oyl of Walnuts.

Colledge.) It is prepared in like manner.

Salmon.) It is Pectoral, expels Wind, eases the Cholick, heals Burnings, Scaldings and pricks of the Nerves, and for want of Oyl of Ben. may be substituted in place thereof.

61. *Oleum Chrysomelinum*, Oyl of Apricock Kernels.

Colledge.) It is prepared in Expression of Apricock Kernels : so also Oyls of the Kernels of Cherry-stones, Peaches, Pine-nuts, Fishick nuts, Prunes, The seeds of Oranges, Hemp, bastard Saffron, Citrons, Gourds, Citruls, Dwarf-Elder, Henbane, Lettice, Flax, Melons, Poppy, Parsley, Radishes, Rapes, Racinum Sesami, Mustard-seed, Grape-stones, &c.

Salmon.) It is of force to give ease in the Cholick, and break the Stone : for Virtues of the others, see the Simples : but they are now out of use.

62. *Oleum Laurinum*, Oyl of Bays.

Colledge.) Re of Bayberries ripe and fresh gathered, bruise them, and boyl them in water, then press them in a press : the expressed faces bruise again, put them into boyling water, and express as before : lastly, take away the Oyl which swims on the top of the water, according to Art : it quickly grows rank.

Salmon.) It heats, softens, opens, dissolves, is carminative and anodyne. It cures all cold Distempers in any part of the Body, whether they proceed of flegm or wind ; for the Cholick, take a few drops in any proper Vehicle : It is good against most Diseases of the Brain, Nerves, Joynts, Lungs, Liver, Spleen, Kidneys

neys, Womb: It opens the pores, and helps the shaking Fits of Agues, anointed on the Backbone: In the Cholick you may also give it in a Clyster. Dose inwardly \dot{a} gut. x. ad xxx.

63. *Oleum Olivarium Commune*, common Oyl of Olives.

Colledge.) *it is expressed from the flesh or pulp of ripe Olives, not from the stones.*

64. *Oleum Omphacinum*, five Omotribes, Oyl of unripe Olives.

Colledge.) *It is made of the pulp of unripe Olives.*

Salmon.) The Virtues of these two, see in their proper places among the Simples.

65. *Oxyrrhodinum*, Oyl of Roses with Vinegar.

Colledge.) *It is made of four parts of Oyl of Roses and one of Vinegar.*

Salmon.) It is commonly made of three parts of Oyl of Roses, and one of Vinegar. It is used to ease pain being applyed to the Head, Fore-head, and Neck. You may also mix Vinegar with Oyls of Poppies, Myrreles, Violets, Lillies, &c. for the same intention.

66. *Oleum ex Vitellis Ovarum*, Oyl of the Yolks of Eggs.

Colledge) *Re the Yolks of Hens-Eggs newly laid, boyled till they are hard, as many as you please: break them with your Hands, or in a Mortar with a Pestle: put them into an Earthen Vessel well glazed, heating them cautiously, and stirring them (least they should burn) so long till they grow red and will yield their Oyl: being hot, put them*

into a linnen bag, sprinkle them with Aromatick Wine, and press out the Oyl according to Art.

Salmon.) Or you may make it thus: boyl the Eggs in their Shells till they be hard: then take the Yolks and put them in to a Frying-pan, over a flaming fire, break all the Yolks with a Iron Spatula, and continue stirring them, till they are all reduced to a black Oyl, with a few black and burnt Fæces; put out the Oyl and keep it for use: If you would have it clear you may rectify it in a glass Retort in a Sand fire, so will it congeal like butter, and be yellow as Gold; but rectified in a naked fire, it will not be so yellow: Or, you may digest it in a bolt head for a Month over a gentle fire, or in a Sand Furnace, or in a Horstedung-hill, so will the Fæces settle, and the pure Oyl will swim at top perfectly clear. The Oyl thus made is better and more penetrating than that of the Colledges prescription. It is an excellent anodyne Balsam: it cleanses, aglutinates and drys: & therefore cures green Wounds, burnings and Scaldings, in an instant as it were: It heals the Chops in Womens Nibles; is good against Ruptures, Fistula's and malignant Ulcers. It cures Baldness, is a good Cosmetick and takes away Tettars, Ring-worms, Morpew and Scab.

There are several other Oyls of singular use, mentioned in our Doron Medicum, Lib. 2. Cap. 3. Which see in their places.

CHAP. IV.

Of BALSAMS distilled.

1. Balsamum Apoplecticum Horstii, Apoplectick Balsam of Horstius.

℞ of the Oyls of Nutmegs, ℥i. of white Amber rectified, ℥ss. of Roses (commonly called Adeps Rosarum) of Cinnamon, A. ℥i. of Lavender, of Marjoram, A. gr. xv. of Benjamin, of Rue, A. ℥ss. of Cloves, of Citrons, A. gr. iv. mix all well together, then add Ambergrise ℥ss. Oriental Civet, Div. choice Musk, ℥i. mix all according to Art, to the just consistence of a Balsam.

Salmon.) The Oyl of Nutmegs is that made by expression, all the rest are Chymical. Horstius saith, That in the whole Republick of Medicine, there is scarcely found an Apoplectick Balsam more illustrious for Fame, more noble for Virtue, more worthy for Honour, more ready for Help, and more fragrant for Smell than this: It cheers and comforts all the Spirits, natural, vital and animal, by anointing the extremities of the Nostrils and the Pulses: It cures Convulsions, Palsies, Numbness, and other Diseases proceeding of cold.

2. Balsamus Apoplecticus Mynsichti, Apoplectick Balsam of Mynsicht.

℞ Oyl of Nutmegs by expression, ℥ii. of the Chymical Oyls of Am-

ber, of Lillies of the Vally, of Cloves, of Lavender, of Marjoram, A. ℥ss. Oyl of Cinnamon, ℥i. black Amber, Musk, A. ℥jss. Civet, ℥iiss. Ambergrise ℥j. mix them according to Art.

Salmon.) It has all the Virtues of the former. Dose of both inwardly is a gr. iij. ad vj.

3. Balsamus Philosophorum, The Balsam of the Philosophers.

℞ Oyl of Philosophers, of St. Johnswort, A. ℥ss. Chymical Oyls of Galbanum, Amber, of Juniper-wood, of Juniper-berries, A. ℥i. Canary-wine ℥x. mix all: extinguish in it red hot pieces of Bricks, till it is all sucked up: then distil as you distil Oyl of Philosophers, which rectify according to Art.

Salmon.) This Balsam was had in great estimation at Paris, and there sold at a great price: It is an Antidote against the Plague, all malign Feavers: the Gout, Stone, Apoplexia, it dissolves coagulated Blood, stops Bleeding at Nose, Gangreens, is excellent against Palsies, Cholic, pains of the side and Spleen: Outwardly it consolidates Wounds, and eases external pains. Dose a gut. iij. ad vj. in Spanish or Rhenish-Wine.

4. Balsamus Catholicus Steinbergij, Universal Balsam of Steinberg.

℞ Sulphur, ℔ss. Olibanum, Myrrh, Mastich, Gum Anima, Terra sigillata, Benjamin, Aloes Epatica, Succatrina, Galbanum, A. ʒj. Saffron ʒj. mix and add Bole Armoniack ʒxxxiv. sublime. Then take of these flowers ʒii. to which put Oyl of Juniper-berries, Spirit of Turpentine, A. ʒii. Oyls of Caraways, Anise-seeds, Camomil, cloves, A. ʒi. Oyl of Cinnamon, ʒss. fat of Roses ʒss. mix and digest twenty four hours, then distil and separate a rubicund Oyl.

(Salmon.) It has all the Virtues of the former, and much exceeding it in every respect. It expels Wind, and eases the Cholick to a wonder. Dose ʒi. ʒss. ad ʒi.

5. Balsamus Polychrestus Myrsichit, Myrsicht's Balsam of many Virtues.

Take Oyl Olive, ℔j. Oyls of Hypericon, of Bay's, A. ℔j. Chymical Oyls of white Amber, of Juniper-berries, Oyl of Peter, A. ʒiv. Chymical Oyls of Orange-peel, of Rosemary, of Nutmegs, of Spike, of Cammomil, of Cummin-seeds, A. ʒi. mix them, and add rectified S.V. (in which for ten days there was first infused and dissolved Madder, Brazil, flowers of Centory the less, Comfrey, Roses, Violets, Radix, Contrayerva, Mumia, Frankincense, Mastich, Benjamin, Storax, Calamita,) ℔i. Cypress Turpentine ℔ss. Balsam of Sulphur made with Oyl of Anise-seeds ʒvi. mix again, and digest in the Sun, or a gentle heat, skaking it several times a day for 20 days; afterwards distil in B. M. with a very gen-

tle fire till the S.V. is abstracted, and in the bottom will remain a red Balsam.

(Salmon.) This is a most excellent Balsam, as well for external as internal use: It is of thin substance and penetrating quality. It comforts all the Members, heats, attenuates, opens, discusses, and dries. It is very good against all Defluxions from the Head, is prevalent against the Apoplexia, Epilepsy, Vertigo, Megrin, and loss of Memory, if the coronal Sutures, Nostrils, Temples, Crown and hinder part of the Head be anointed therewith. In noise of the Ears, Deafness, &c. it is used with happy success. All pains proceeding of Cold afflicting the Brain, Stomach, Liver, Spleen, Womb, Nerves, and Joints, it miraculously cures: It is very profitable against Hypochondriack Melancholy, all hard and Scirrhus Tumours, Pallesies, Convulsions, the Sciatica, shrinking of the Sinews, and the Gout. It cleanses the Lungs of viscous slegm, it strengthens the Stomach by Unction, and helps shortness of Breath. It disperses and expels Wind, and is a great Arcanum against the Cholick by anointing the Bowels, and taking of it inwardly: So also it is a Sudorifick, and dissolves congealed Blood. Taken in Rhenish Wine, or Water of Persicaria or Parsly, and anointed on the Reins, it drives forth the Stone, and cleanses the Urinary passages of filth. It promotes yokes

vokes Lust, and helps the Suffocation of the Womb, brings down the Terms, and expels the fetus. It is powerful against Quartans, and all other Fevers, taken a little before the Fit, and also anointed on the Back-bone. It preserves from putrefaction, and all infection of the Plague. Dose ʒj. ad ʒj. in a Specifick Vehicle.

6. *Balsamus Mnemonicus Sennerii*, Balsam for the loss of Memory.

℞ of the juyces of Bawm, Basil, flowers of Sage, Lillies, Primroses, Rosemary, Lavender, Borrage, Broom, A. ʒij. Aqua Vitæ, Water-lillies, Roses, Violets, A. ʒj. Cubebs, Cardamoms, Grains of Paradise, yellow Sanders, Carpobalsamum, Orrice, Saffron, Savory, Peony, Time, A. ʒls. Storax liquid and Calamita, Opopanax, Bdellium, Galbanum, Gum of Ivy, Labdanum, A. ʒvi. roots of Peony, long Birthwort, Oyls of Turpentine, Spike, Costus, Juniper, Bays, Ma. Pick, Behen, Lavender, A. ʒv. powder them that are to be powdered, then mix and distil in an Alembick with a gradual fire; separate the Balsam from the Water.

Salmon.) In this we have put flowers of Sage instead of Myrica or Tamarisk: otherwise it is *Verbatim*. It is a truly noble Cephalick, and is reported to cause a perpetual Memory, both Water and Balsam are excellent good against all cold Diseases: you may anoint the hinder part of the head, the nostrils and ears therewith. Dose ʒ gut. iij. ad ʒj. This is that Bal-

sam which Charles Duke of Burgundy bought of an English Dr. for 10000 Florentines.

7. *Balsamum Nervinum Schroderi*, Schroders Balsam for the Nerves.

℞ Oyls of Turpentine ℥bj. and of Bays ʒii. mix them, to which add Gum Elemi, Galbanum, A. ʒvi. Gum of Ivy, Olibanum, A. ʒii. Mastich, ʒi. Myrrh, Aloes Epatica, Labdanum, Castor, A. ʒij. Let them stand a week or ten days in digestion; then add Galanga, Cloves, Cinnamon, A. ʒls. Nutmegs, Zedoary, Cubebs, white Dittany, Comfrey, A. ʒiii. powder and infuse them in S. V. ℥lss. then mix with the former, and distil by an Alembick or a Glass-retort in Ashes: so have you first a Spirit, then a yellow Oyl; then a black; mix the yellow Oyl and Spirit together, and make a Balsam.

Salmon.) It heats and comforts the Nerves, cures Palsies, Convulsions, and Sinews shrunk.

8. *Balsamum Vitæ Bilgens*, Balsam of Life.

℞ Myrrh, Aloes, Olibanum, Indian Balsam, Bdellium, Ammoniacum, Sarcocol, Mastich, Gum Arabic, Storax, Labdanum, Bayberries, Beavers-grease, A. ʒvi. Saffron ʒls. Nutmegs, Cinnamon, Cloves, Gum Amme, Zedoary, Galangal, Roman Lavender, Cardamoms, Cubebs, A. ʒij. powder, mix, and infuse in S. V. rectified, digest and distil in a Glass Retort, in Ashes, so have you an Oyl, which rectify, and put to it Oyl of Rosemary, Marjoram, Cammomil, Pennyroyal, Hyssop, Sage, Rue, Spike, Lavender, A. ʒi. Oyls of Time, Savory, Cubebs, Zedoary, Nutmegs by ex-

pression

pression, A. ℥s. of Cinnamon, Cloves, Rose, Citrons, Oranges, Fennel, Anise, Carraways, A. ℥ij. mix and make a Balsam by digestion.

Salmon.) It is almost a Panacea used chiefly by noble persons; both inwardly and outwardly: It is a great cordial, cheers the Heart, revives the Spirits, comforts a moist and weak Brain, expels Wind, and is good against most Diseases of the Head, as Apoplexies, Convulsions, Epilepsies, Palsies, Suffocation of the Womb, Faintings, &c. Used both outwardly and inwardly: Dose ʒ gut. iii. ad vi.

9. *Balsamum Vitæ magis Compositum.* Balsam of Life more compound.

R Mother of Time, M. iij. Sanders, white and yellow, A. ℥ss. flowers of Sulphur, ℥i. Benjamin, ℥ij. Orange and Citron-peels, A. ℥iv. Ambergrise ℥ij. Musk ℥ss. Hartshorn, ℥vj. powder them, put to them S. V. rectified lbvij. digest fourteen or twenty days in a Glass-retort; then add Opobalsam, Myrrh, Aloes, Olibanum, Bdellium, Ammoniacum, Sarcocol, Scorax liquid, Mastick, Gum Arabick, Labdanum, Tacamahacca, Galbanum, A. ℥ss. Bay-berries, Grease of a Euphor, A. ℥i. Saffron ℥iii. Nutmegs, Cinnamon, Cloves, Gum Anime, Zedoary, Galangal, Cubebs, Spicknard, Cardamoms, A. ℥i. Spirit of Turpentine, (in which ℥iii. of Troches of Vipers have been digested for a Month) ℥vj. mix all together and digest ten days, then distil; so have you Spirit and Oyl, which separate: to the Oyl add the distilled Oyls of Juniper, Amber,

Wax, A. ℥i. Oyls of Anise, Fennel, Cummin, Rosemary, Marjoram, Time, Savory, Spicknard, Camomil, Cubebs, Zedoary, A. ℥ss. Oyls of Cinnamon, Cloves, Orange peels, Angelica, Penny-royal, Sage, Rue, Lavender, Mother of Time, Adeps Rosarum, A. ℥ss. Oyls of Camphir ℥i. and of Jessamin, ℥iv. to all which put of the best rectified S. V. lbvij. digest forty days, straining of it thrice a day; then distil, and separate the Spirit from the Oyl S. A.

Salmon.) It has all the Virtues of the former, and much more powerful to the same Intentions.

10. *Balsamus Saponis simplex.* Simple Balsam of Soap.

R Castle Soap sliced or scrap'd, to which put S. V. distil several times, and at last digest some days in a hot place, then filter through a paper, so have you a Balsam of a fine reddish colour.

Salmon.) It cures Burns and pains of the Gout, by anointing therewith.

11. *Balsamus Saponis Clossæ.* Clossæus his Balsam of Soap.

R Castle Soap scraped, Bole, A. make them into a paste, of which make Balls like Acorns; distil them in a Retort (with a great Receiver) first in a close (but gentle) reverberatory fire, then with a stronger, till the substance be drawn out: separate the green Oyl from the sharp spirit, which being rectified, will be yellow.

Salmon.) It powerfully resolves and opens Obstructions, is Absterfitive, Discussive, Digestive, Diuretick and Anodyne It takes away pains of the Joints arising from a cold Cause; abates tumors

mors, disperfeth contufions, provokes Urine, expels Wind, and helps the Cholick only by anointing the Navel therewith, and parts afflied.

12. Balsamus Saponis Compositus, Balsam of Soap compound.

℞ Castile Soap dissolved in juyce of Limons ℥i. white Virgin Honey ℥iij. Mercurial Cosmetick, white Sugar candy, roots of Florentine Orrice, A. ℥i. salt of Tartar, pure sperma Ceti, Alumen Saccharinum, Venetian Borax, A. ℥ss. Balsam of Peru ℥ii. Gallia Moschata vera ℥i. of the Oyls of Cinnamon, Rhodium, Cloves, Lavender, A. ℥i. mix them and make a Balsam.

Salmon.) It is a Cosmetick and Horstius said, it is used to wash the hands with, because it makes the Skin as white as Snow; and cleanses it from all other filth, as freckles, spots, and as some say the Macula materna. It is a great Anodyne, expels wind, and eases all pains both external and internal: It cures the Cramp, Palsies, and other the like affects. It is an exceeding good Perfume; you may anoint the grieved place therewith, and give it inwardly, a gr. viii. ad xvi.

13. Balsamus Arthriticus Schroderi, The Gout Balsam of Schroder.

℞ Mummy, Mastick, Frankincense, Myrrh, A. ℥ii. Gum Ammoniacum, Bdellium, Opopanax, Tartar, A. ℥ss. Honey, Roman Vitriol, A. ℥iij. S. V. ℥vi. distill them in an Alembick into a large Receiver, cohobating it six times.

Salmon.) The Title shews the Virtues; it strengthens and con-

firms the Joynts, repelling the flux of humors: It cures the Palsy, Cramp, Numbness, and pains of the Sides and Spleen.

14. Balsamum Zibetha, Balsam of Civer from Horstius.

℞ Oyl of Nutmegs by expression, ℥i. Civer ℥ss. mix them well, then add distilled Oyl of Soap rectified: Oyl of Aniseeds, Oyl of Wax, A. ℥i. Cloves, Mace, A. ℥ss. Ambergrise and Musk, A. ℥i. mix again and make a Balsam.

Salmon.) This eases the pains of the Cholick, though never so extream, by anointing the Navel therewith, it also dissolves and discusses crude, hard, and malign tumors, proceeding from vicious humors.

15. Balsamum Paralyticum Horstii, The Paralytick Balsam.

℞ of the Oyls of Galbanum distilled with spirit of Turpentine, of Amber rectified, A. ℥i. Oyls of Rosemary and Angelica, A. ℥i. Oyls of Cloves, Camomil, and Sage, A. ℥ss. Oyls of Origanum and Lavender, A. ℥j. mix them and with Oyl of Nutmegs by expression, q. s. make a Balsam: to which as the occasion is, you may add Trochisci Gallie Moschate ℥i.

Salmon.) This is an excellent Balsam against the Palsy, being anointed upon the original of the Nerves, and part afflied; it wonderfully comforts and restores, for it penetrates the Nerves, and strengthens them.

16. Balsamum Paralyticum Cloffei, Cloffæus his Balsam for the Palsy.

℞ a fat Badger, gut him, and stuff him with Galbanum, Ammoniacum, Sagapenum, Opopanax, A. ℥j.

Ii 3 Lab-

Labdanum, Benjamin, Storax, Olibanum, Myrrh, Bdellium, A. ℥ss. Gum Carama, Tacamahacca, Elemi, A. ℥ii. Juniper, Bay, Ivy-Berries, Cardamom, A. ℥i. Leaves of Germander, Alehoof, Betony, Sage, Wormwood, Marjoram, Organy, Clary, Time, Spicknard, Pennyroyal, Mint, Hyssop, A. M. ss. Flowers of Betony, Camomil, Dill, Lavender, S. Johns-wort, A. M. ss. Seeds of Anise, Fennel, Carrot, Carraway, Amos, Smallage, Burdock, A. P. j. Bears, Foxes, and Ducks Grease, A. ℥ii. Marrow of Calves bones, of Ox bones A. ℥ii. Salt M. j. Cut and bruise what are to be cut and bruised; then sprinkle them with S. V. to which put Venice Turpentine, and Bees wax, enough to make them stick strongly together: fasten all upon a Spitt, and roast them with a gentle fire, basting it with its own liquor till all the flesh be burnt: Lastly take of this Dripping p. ij. Rulandus his Balsam of Sulphur; (at Sect. 15. Cap. 12. Lib. 3.) p. j. mix, and keep the mixture for use.

Salmon.) It is a most excellent thing against the Palsy, Gout, Numbness, Sciatica, and all cold Diseases of the Joynts and extrem parts.

17. *Balsamum Antipodagricum* Horstij, Horstius his Balsam against the Gout.

℞ Camphir ℥iiss. Castile Soap ℥ii. Saffron ℥ii. Opium ℥i. S. V. a sufficient quantity; digest in sand 20 days, then decant and keep it for use.

Salmon.) Horstius orders it to be filtered, but that is needless: It is a most excellent thing against the Gout, and all violent pains of that nature, outwardly used and inwardly taken à gut. x. ad xx. or more.

18. *Balsamum Angelicæ Sennerti, Sennertus his Balsam of Angelica.*

℞ Extract of Angelica ℥j. choice Manna ℥ij. mix them with a gentle fire, then add Chymical Oyl of Angelica ℥iiss. and make a Balsam.

Salmon.) It is a very great Cordial; and a powerful Antidote against Poyson, Plague, and all pestilential Distempers: Dose ʒ gr. xx. ad ℥ss. or more.

19. *Balsamum Caryophyllorum; Balsam of Cloves.*

Take Oyl of Cloves ℥i. Tincture of Cloves ℥ss. Salt of Cloves gr. vj. wax prepared, a sufficient quantity to give it the consistency of a Balsam.

Salmon.) It has all the Virtues of Cloves, is a good Anodyne and Alexipharmick; is good against the Palsy. Cramp, Numbness, and all other cold Distempers.

After the same way you may make Balsams of Oranges, Citrons, Cinnamon, Fennel-seed, Lavender, Mace, Marjoram, Mint, Nutmegs, Rosemary, Roses, Rue, Amber, Zedoary, &c.

20. *Balsamum Benzoinum, Tentzelij, Balsam of Benjamin.*

℞ Storax Calamita ℥iv. Benjamin ℥ii. being beaten, put upon it S. V. rectified to over-top it 4 or 6 inches: digest in B. M. for some days; then strain and separate the thin from the thick: from the strained matter abstract the spirit in B. M. by distilling, till the remainder appears in form like a Balsam.

Salmon.) It is a Pectoral and Diuretick, provokes Urine, cures Asthma's, Catarrhs, and Diseases of the Liver and Spleen.

21. *Balsamum Cordiale Sennerti*, Cordial Balsam of Sennertus.

Take Chymical Oyls of Cinnamon, Cloves, Citrons; Rosemary, and *℥iiss*. Ambergrise, Mosch, *A. gr. vi*. Extract of Saffron, *gr. vii*. Confectio Alhermes *℥iiss*. Oyl of Nutmegs by expression. *q. s.* mix and make a Balsam.

Salmon.) This is a famous Balsam, invented by Sennertus, and exhibited as a Cordial against all pestilential and malign Feavers, Fainting, sickness at Stomach, and all other illness of that kind. Dose *℥iiss*.

22. *Balsamum Galbanum Uterinum*, Balsam of Galbanum.

R Galbanum *℔iiss*. pure Oyl of Turpentine *℔iij*. digest in a Glass Cucurbit for 14 or 20 days with a gentle heat, then distil; adding to the distilled Liquor, Oyl of Lavender *℥i*. distil again, so have you a Balsam, which if circulated with spirit of wine, will be more penetrating and efficacious.

Salmon.) Sennertus was the Author of this, and dedicates it to the Womb; It is excellent against Suffocation, Wind, all Obstruction of the Reins: It provokes Urine and the Terms, and strengthens the Uterine parts.

23. *Balsamum Citriorum Compositum*, Balsam of Citrons Compound.

Take Chymical Oyls of Citrons, Amber, Camphir *A.* Mix them in a Glass Vessel, and digest in a gentle heat in B. M. till they are most perfectly united among themselves, and there results an Oyl of a golden colour.

Salmon.) This Balsam is of much use in most places of Italy

and Germany; and given against most poysonous, malign, and pestilential Diseases, where it is exhibited with great success. Dose *à gr. x. ad xvj*.

24. *Balsamum Stomachicum*, The Stomach Balsam.

Take Oyl of Nutmegs by expression *℥iiss*. Oyl of Mint *℥iiss*. Oyls of Cloves, Oranges, Mace, *A. ℥j*. Oyls of Rosemary, Lavender, Wormwood, Cummin, Dill, *A. ℥iiss*.

Salmon.) It is good against all cold Diseases of the Ventricle, expels Wind and other noxious humors; It is good against Vomiting, and strengthens the Stomach: and is a Specifick against the Cholick, Palsy, and Cramp, used outwardly and taken inwardly: *à gut. iv. ad x*.

25. *Balsamum Uterinum Horstij*, The Womb Balsam of Horstius.

R Fresh May-Butter *℥j*. Oyl of Tin, of yellow Amber, and of Turpentine, *A. ℥iiss*. Gum Tacamahacca, Asa Fœtida, Galbanum, inspissate Juice of Savin, *A. ℥j*. Castor, *℥iiss*. Deers Suet *℥j*. mix and make a Balsam.

Salmon.) The Navel being anointed with it, keeps the Womb in its right place, and eases all manner of pains thereof: anointed upon the Jugulars and Nostrils, it cures fits of the Mother.

26. *Balsamum Podagricum Horstij*, The Gout-Balsam of Horstius.

Take Juices of Houseleek, of Rosemary, of Gourds, of Tobacco, of Henbane, of Ground-pine, of Pervain, *A. ℥vi*. Vitriol calcined to be yellow, white Tartar, Salt calcined and *℥iij*. Grease of a wild Cat, of a Goose.

of a Fox, Marrow of a Deer, A. ℥jss. Chymical Oyls of Turpentine, of Bricks, of Juniper, of Soap, A. ℥j. Oyls of Lead, of Spickenard, A. ℥vii. Gum Ammoniacum, Op. p̄max, Sagarinum, Mastich, Olibanum; natural Mummy, A. ℥ss. mix, and digest in a gentle heat; increase the fire to the abstraction of the aquosity of the juyces.

Salmon.) The Title shews the Virtues, for which it is a wonderful Remedy, being anointed upon the parts afflicted; moreover it is an excellent Anodyne in all manner of pains, in any part of the Body, all which, it safely, quickly and easily removes. It also penetrates and resolves hard Nodes, and Tartarous Concretions, proceeding from Gouts, Cramps, or any other cause.

27. Balsamum Sacrum, seu Oleum Myrrhæ compositum; The Holy Balsam (so called) or Compound Balsam of Myrrh.

R Choice Myrrh, ℥vii: Mastich ℥ix: Aloes Epatica ℥xviii: Common Salt ℔j. bruise and mix all together in a Mortar, and distill in a glass Resort with a gentle fire, taking great care in the distillation: so have you first a Water, then an Oyl.

Salmon.) Horbuius saith, That this Oyl exceeds in value, the most precious Gem: anointed upon the Stomachs and Bellies of Children, it kills their Worms, and although almost eaten up, saves them from Death. It is also prevalent against Plague, poyson, Convulsions, and all Pestilential Distempers.

CHAP. V. OF QUINTESSENCES.

I. Quintessentia Apij Fabri. The Quintessence of Parsly of Faber.

R Parsly roots gathered in their Prime, cleanse and bruise them, expressing from them all their juyce: put it into a Vial, in a close place to ferment; then distill it with a gentle fire, that the Spirit may ascend, which rectify from its Flegm: cohobate often, and digest this Spirit, upon the Magma, or Caput Mort. that it may extract its Volatile Salt: Lastly, from the 2d Magmate,

or whole Root dried (being calcined) extract its alkalious Salt, which being pure conjoyn (by digestion) with the former impregnated Spirit, and keep it for use.

Salmon.) This Arcanum gently purges Flegm, Choller and watery Humors, by reason of the Conjunction of the Spirit with its Essential and Elementary Salts: it dissolves internal tumors of the Liver and Spleen, and of the other Viscera: It is diuretick, provokes Urine, and purges

purges the Reins and Bladder, breaking, dissolving and expelling the Stone, beyond any ordinary Medicine. Dose à ʒj. ad ʒij. in the morning fasting; in Broth, Syrup or some purgative Extract.

2. *Quintessentia Agarici Fabri*,
Fabers Quintessence of Agarick.

Take Agarick in fine powder, put to it the Quintessence of Roses (in Lib. 1. Cap. 5. Sect. 59.) or some other purgative Spirit: digest in a glass close stopp'd in a gentle heat for 40 days: after decant the Spirit, and filter it, keeping it in a close glass: To the Magma remaining add new Spirit, digesting 3 or 10 days as aforesaid, then decant, filter, and put it to the former Spirit: put to the Magma again, the best S.V. rectified, distill with a most gentle fire, seven times cohobating, separating the Flegm in every distillation; till the Volatile Salt ascends with the S.V. which Salt joyn with the former Spirit before distilled: The Magma now remaining, dry and calcine to very white ashes, from which extract the Elementary Salt, purifying of it by many solutions, filterations, coagulations, and calcinations, till the Salt is white as Snow, and limpid as Crystal, which add to the aforesaid Spirit and Volatile Salt, digesting them in a gentle heat for 40 days. Then distill till the remaining Magma, has the consistence of new Honey, upon which cohobate the Spirit now drawn off, repeating the distillation and cohobation, three times as before, after digest the Spirit and Magma together for 3 or 4 days, then filter, to free it from all terrestreity; lastly, distill it in a glass body, with a very gentle fire (that

nothing but the Spirit of Roses may ascend) continue the distillation till the Magma is of the thickness of Honey, which take, and keep it in a glass close stopp'd for use. The Spirit you may save for another like operation, of Agarick, Sena, Scammony, &c. Over the Quintessence you may put Oyl of Cinnamon ad Saporem conciliationem.

Salmon.) This has all the Virtues of Agarick exalted; it purges Choller and thick Flegm, expels all putrid Humors from the Body; strengthens the Brain and all the Senses, purifying the whole mass of Blood, and comforting the Nerves; it is Cephalick, Pectoral and Diuretick, it is a very familiar Medicine, and has a conformity with all the parts of the Body: It settles and relieves the Brain, is good against the Headach, Apoplexia, Falling-sickness, Carus, Vertigo, Madness, and all cold affects of the Brain. It provokes Urine and the Terms, and gives a general relief to the whole Body oppress'd with unnatural matter. Dose à ʒj. ad ii. in the morning fasting: to Infants à ʒj. ad ii.

3. *Quintessentia Anisi Fabri*,
Fabers Quintessence of Anise.

It is made of the juyce of the green leaves and seeds fermented, as we have taught at Sect. 1. of this Chapter, concerning the Quintessence of Parsly.

Salmon.) It is good against a stinking breath and mouth, cleanses putrid Gums and Teeth, provokes Urine, expels Wind, comforts the Bowels, helps in the Chollick, is good against the bitings of Venomous Beasts, stops the

the Whites, and increases milk in Womens Breasts. Dose ℥j. in any convenient Vehicle.

4. *Quintessentia Antimonij Fabri*, Fabers Quintessence of Antimony.

Rx Antimony, reduce it into impalpable powder; Calcine it, i. with equal parts of Niter, till it is blood-red; 2. with equal parts of Niter and Sulphur till it is white: after the detonation is over, put it into a bott head with a long neck, and close it well: put it into a reverberatory Furnace for a month, till the Antimony is of a blood red colour: then take it out, put it into another glass body, upon which put S. V. perfectly dephlegmated: digest in a warm B. M. for 8. days, till the Spirit is tinged: decant, add new Spirit, digest as before, and repeat this work till the S. V. by whose several effusions, has extracted the whole Tincture of the Antimony; which is then to be reverberated again, to redness, and dissolved in Spirit of Vinegar. Evaporate the Vinegar, and dissolve the remainder often times in Rose-water (having had many rectifications) till there be no feces in the solution, but be clear and splendid like to a Rubine; which you shall joyn with the former Tinctures extracted with S. V. *Rx* all these Tinctures, put them into a glass Retort in B. M. causing all to ascend that will: then remove the Retort, and put it into ashes, so shall you have a most precious red Oyl, which rectifie 3. or 4. times, and joyn with its proper Salt, freed from all impurity; circulate twenty days and keep it for use. Multa alia possent dici de Antimonio, sed ea tanta sunt quanta nemo

mortalium excogitare potest, est enim flos torius terræ, & metallorum semen in eo.

Salmon.) This Medicine purges not, but strengthens and restores by its Balsamick sweetness: It purifies the whole Mass of Blood from all mucous and serous humors: it cures the Leprosy, and is a special Arcanum against that Disease: it repairs the whole man, and purifies the radical moisture; It cures all sorts of Feavers, continual and intermitting, whether Quotidian, Tertian or Quartan, and expels all foreign matter, either through the pores of the skin, or by the emunctories. It eases all pains caused of cold or heat, immediately, being but outwardly applied warm: It is a perfect cure for the Gout and Sciatica, takes away nodes, discusses tumors, and absolutely eases all pains of the Joynts whatsoever. It quickens all the senses, augments the natural heat, comforts the Spirits, cheers the Heart, generates subtil and pure Blood, strengthens all the Principal Members, recreates the Mind, and makes a chearful Countenance. It is a true Balsam for all sorts of Wounds, curing speedily and safely: It cures all sorts of Ulcers; is a kind of Specifick against the Cancer and Scrophula, which it heals in a short time: Lastly, it cures all affects of the Womb, as fits of the Mother, Barrenness, Coldness and slipperiness of the Womb, Ulcers thereof, &c. cleanses it of evil Humors, and strengthens it. *Hoc* (meaning this Work) *idem & simile Oleum, & Tinctura eadem, & sal possunt extrahi ex floribus Antimonij*

nii fixati, & reverberati, donec colorentur, & deinde procedendo ut superius dictum est, at difficiliori negotio.

5. *Quinta essentia Argenti vivi Fabri, Fabers Quintessence of Mercury.*

Be pure Corrosive sublimate, put it into a bolt-head with a long Neck, to which put spirit of salt (rectified from its stegm) so much as may cover it the breadth of four fingers or more, stop it close, and digest in B.M. forty days: decant the solution, and put it into a Glas-retort: to the Magma in the bottom of the solution, put new spirit of salt, and digest till all is dissolved, mix this with the former, and distil them with a gentle heat, till all the spirit of salt is drawn off; at last augment the fire by degrees till a white Oyl of Mercury ascends: to the fæces remaining add the former Oyl of salt to dissolve them, then distil the solution as before, till all the Mercury ascends in a white Oyl, and only black fæces remain in the retort, which calcine with a violent fire, till they are white, from which extract a fixed or elementary salt, which purify and add it to the former Oyl seven times rectified and distilled; being conjoyned, put the Quintessence into a Glas-vessel, and keep it close stopp'd for use.

Salmon.) Here is to be noted, that except the solution of the Mercury in the Spirit of Salt be first purified in the Alcohol of the S.V. the aforesaid Operation will not succeed. It purges all humors, and helps their stagnation in any part of the Body, without any trouble or sickness: It is a preserver of Life, and of the ra-

dical moisture. It cures Catarrhs. Jaundice and French-Pox. Dose a gut. iv. ad viij.

6. *Quinta essentia Aristolochia rotundæ, Fabri, Fabers Quintessence of round Birthwort.*

Be the juyce of round Birthwort, and Comfrey (i. e. of the whole Plants) mix them, and compleat the Quintessence, as we directed in that of Parsly.

Salmon.) It is powerful in curing all simple Wounds in twenty four hours space and lefs, even to a Miracle, although deep and complex: It generates Flesh, consolidates broken Bones, strengthens relaxed Nerves, and suddenly restores the pristine Health. All internal Wounds also, whether in the Bowels or elsewhere, it wonderfully heals, dissolves coagulated Blood, cures the Pthirick, Ulcers of the Reins and Bladder, and other the like internal Maladies. Dose ʒj ad ij. outwardly it may be mixt with proper Oynments, Oyl, or Malago-wine, and so applied warm; among which Balsam of Hypericon, Oyls of Wax, Frankincense, and Turpentine are chief to make it the chiefest Wound Balsam.

7. *Quinta essentia Arsenici Fabri, Fabers Quintessence of Ratsbane.*

Be Crystal Arsnick, Niter A.q.s. powder them, mix and distil a Spirit in a Glas-retort in Ashes; having a receiver strongly luted to it. Then break the retort, take out the Caput Mort. powder it, and put on it the spirit, and distil again; this do four times, or till the Arsnick with the Niter are thoroughly calcined; which then take and put upon

upon a strong Tile, and give it the strongest fire for one whole day; this Calx dissolve in distilled rain water, free it from all its terrestrity, filter, and evaporate to dryness: Calcine again with a most strong fire, so long til there be no scæes in the solution, but the Calx is wholly dissolved into a clear and limpid water, which evaporate to dryness, to this Salt ad d the afore distilled Spirit (being first seven times rectified) which put into a glass Matraß with a long neck in a warm B.M. till the Salt and Spirit are perfectly united: then at last, put the matter into a glass Alembick, and by B.M. spirate the aqueous humidity, so shall you have in the bottom the Butter like Quintessence of A-snuck, of wonderful Virtues which keep in a glass close stop.

Salmon) Although the simple Salt is a kind of Treacle, and an Antidote against Poyson and Contagion, yet being joyned with its Spirit, is not to be taken inwardly by any means. Outwardly applied, it is good against the the bitings of mad-Dogs, or any other Venomous Beasts; It cures Cancers and that without pain, extinguishing and mortifying the malign matter. All Fistula's and cavernous Ulcers it heals, by burning and consuming the calculus and cadaverous flesh. It also cures Herpes, Scabs, Lentils, Spots, Freckles, Scurf, Morpew, and other affects of the skin; but you must be cautious in the using of it, first touch the parts therewith, then wash it off with fair water, at last anoint with a Lixivium of Salt of Tartar: you may mix this Quintessence with Unguents.

8. Quintessentia auripigmenti Fabri, Fabers Quintessence of Orpiment.

Take Calx of Orpiment, calcin'd as aforesaid with Niter, free it from the Salts by many lotions; reverberate it for a month in a glass close stopped, till it is red: then dissolve it in rectified Spirit of Salt in a warm B.M. digesting till the spirit is tinged: decant, put on new Spirit, digest and repeat this work till all the Calx is dissolved, put all these solutions into a glass Retort, distill in ashes with a gentle heat, so have you first the Spirit of Salt: then at last augment the fire, and putting to it a new Receiver, force over the Quintessence of a most sublime colour, which rectify seven times, and keep in a glass close stop for use.

Salmon.) This Medicine certainly expels all manner of poyson and venom, of what kind of quality soever, is prevalent against the Plague, and (if Faber says true) exceeds Aurum Potabile in preserving Youth, and the Humidum Radicale. It cures all poysoned Wounds, malign Ulcers, and Pestilential Fevers. Dose in Broth \mathfrak{z} ʒi. ad ʒij. in the morning upon a fasting stomach, outwardly it is applied warm with a little Cotton. *Mirum est quod è summo Veneno, fiat Summa Theriaca.*

9. Quinta essentia Brassicæ marine Fabri, Fabers Quintessence of Sea Colworts.

It is made of the juice of Soldanella, as you make the Quintessence of Parsly. In which operation note, that the Volatile Salt will ascend, and stick like Snow to the sides of the Vissl, and head of the Stillatory; as in other operations of this kind.

Salmon.)

Salmon.) This Arcanum purges all noxious humors, and the stagnation of any matter in the first Region. It cures all Feavers, continual or intermitting, stops all sorts of Fluxes, and the Whites in Women. It is a powerful thing against the Gout, proceeding from what cause soever; recreates the Nerves, restores Strength lost, revives the Spirits natural, vital, and animal; purifies the Blood, helps all sorts of cold Tumors & a Scirrhus only by external unction. It takes away Scabs, Itch, Pimples, Freckles, Spots, & Morpew, by continual washing the parts affected. Dose à ʒss. ad ʒj. in Broth, or some magisterial Syrup, in the Morning fasting, twice or thrice a Week.

10. Quintessentia Cancrorum Fabri, Fabers Quintessence of Crabs.

By the Fish (i.e. all the inside) of Crabs, put into a Glass-still, and distil with a gentle fire, rectify the Water seven times: The Caput Mort. calcine to whiteness, from which with the Water of Rest-barrow, Gromwel, or Saxifrage, extract a pure and white Salt, freed from all earthyness, which join with the aforesaid Water, and keep it for use.

Salmon.) It miraculously breaks and expels the Stone from the Reins and Bladder, cures the Difficulty and Strangury, and mixed with Spirit of Turpentine, cures the difficulty of Pissing, so that the affects are thought by some to be Magical. It dispels the darkness of the sight, and takes away Clouds and Catracts, being dropc into the corners of the Eye thrice a day. Outwardly applied it cures Cancers, if they

be first mortified with the Arcanum of Arsenick (at sect. 7. aforesaid.) But this Medicine will be much more powerful, if you extract the volatile Salt with S.V. rectified by many digestions and cobobations, &c. upon the Magma, before calcination: for then it acquires the highest power and force in resolving the Stone, and all tartarous coagulations.

12. Quinta essentia Carrannæ Fabri, Fabers Quintessence of Caranna.

Dissolve the Gum in S.V. rectified in B.M. digesting fifteen days: then distil, first with a gentle fire, so have you first a piercing Spirit, after a yellow Oyl, then a red Oyl, which Oyls rectify three or four times. From the Caput Mort. (being calcin'd) extract a Salt, which purify by many solutions, coagulations and calcinations, and mix it with the former Oyls, which unite by digestion in B.M. then keep it in a Glass for use.

Salmon.) It is an Arcanum against the Gout, eases all manner of pains proceeding of cold whether in the Nerves, Tendons or Muscles: It dissolves all sorts of cold hard and scirrhus Tumors. In the Cholick, nothing is more powerful: it cures all inveterate Ulcers: The Megrin and pains in the Head, it cures in a Moment. Dose à gut. viij. ad xij. or xiv. in syrup of Poppies. Outwardly apply it, mixt with some proper Unguent, or dip Lint into it, and lay it upon the place.

13. Quinta Essentia Caryophyllorum, Fabers Quintessence of Cloves,

Re

Take Cloves, distil from them an Oyl, as we have already taught; Upon the Faces put Spirit of Cloves and distil, cobobating six or seven times: lastly calcine the Caput Mort. and extract with water a pure Salt, mix these and unite them by digestion. Or thus, Be the Oyl, put to it the distilled water of Cinnamon or Cloves, digest then distil in a glass Still in B. M. till the Oyl is coagulated, by virtue of the Spirit of the Volatile Salt, and the water becomes inspid, with this conjoin the aforesaid Elementary Salt, which digest and keep for use. Thus are made the Quintessences of Nutmegs, Mace, Cinnamon, Cassia ligna, Pepper, Jamaica Pepper, Ginger, and of all other dry Seeds and Roots.

Salmon.) It comforts the Heart, Liver, Spleen, and Bowels, augments the Vital Spirit, eases all manner of pains of the Teeth, being as it were *Ultimum refugium*, and as it were miraculously cures all sorts of Ulcers. Inwardly it is taken in Broth, Wine, or some proper distilled water, *à gut. vi. ad xii.* Outwardly it is mixt with Lint, and applied *per se*, or with proper Oynments and so used.

14. *Quintea Essentia Centipedum Fabri*, Fabers Quintessence of Sows, or Hogs-lice.

Be A great many Hog-lice, Salt decapitated, *q. s.* put all into a glass Still, and with a very strong fire distil, so that with their water the Spirit of Salt may come over; this distilled Liquor, rectify seven times or more, then reserve it: The Caput Mort. Calcine, and with aqua Aristolochia extract the Salt, which so often purify, till it melt

in a gentle heat, like Wax: this Salt digest in the best rectified S. V. (such as is free from all Flegm) circulating and putrifying of it; then forcing of it with a strong fire, till it ascend with the S. V. this Salt conjoin with the aforesaid reserved Liquor, and keep the same for use.

Salmon.) Given inwardly with Cinnamon or Persicary water, it breaks, dissolves and expels the Stone, cures Cancers, Scrophulula's, and Scirrhus Tumors; purifying the whole mass of Blood, cures the Leprosy, Dropsy, Jaundice, stoppage of Urine, the Rickets, and most Diseases proceeding from obstructions, it provokes the Terms, and causes all stubborn and rebellious Ulcers to heal; which also by external application with the Spirit of Turpentine are soon purified, conglutinated and dried. Dose *à ʒss. ad ʒss.*

16 *Quinta essentia Centaurea majoris & minoris Fabri*, Faber's Quintessence of the greater and a lesser Centory.

It is made as that of Parsly at Sect. 1. where note, that from the flowers of both, with S. V. and Vinegar of Sulphur, is extracted a Tincture, which purges gently, and without molestation or troubling the Stomach, all watery humors: this, if joyned with the Quintessence, makes the Medicine more precious.

Salmon.) It purges all noxious and superabundant humors, is a kind of Catholicon, expelling whatsoever is inimical to humane nature, it strengthens the Stomach, helps digestion, and causes a good appetite, hunting out all stagnant matter in what part of the

the Body soever. It preserves the Health, kills Worms, eases all sorts of pain, cures the Dropsy, Podagra, Chyragra, Gonogra, and all other the like dolors. Dose à ʒi. and ʒii. or more in broth or Wine, upon a fasting Stomach.

16. *Quintessentia Cornu Cervi Fabri*, Fabers Quintessence of Harts-horn,

To rasped Harts-horn put spirit of Salt, so much as may over-top it the breadth of four fingers, dissolve in a bolt-head, and circulate in B.M. for a month, then distil with a gentle fire, in ashes to dryness, (but take heed of burning) The scæces remaining calcine to whiteness, and with Carduus water extract a Salt, which being purified, joyn with the afore-said distilled spirit, which digest, and keep in a glass close stoppt for use.

Salmon.) This is one of the greatest Arcanums for all sorts of Venom and Poyson. It cures the Quartan, biting of venomous Beasts, and the Leprosy: It repairs old age, preserves the humidor radical, it recreates all the Spirits, Natural, Vital, and Animal, dissolves all tartarous Matter wheresoever in the Body, breaks and expels the Stone; and is one of the greatest Antidotes against the Plague and all Pestilential Diseases yet known, both as to a preservative and cure. Dose à ʒi.

17. *Quinta essentia Chelidonii Fabri*, Fabers Quintessence of Celandine.

It is made of juyce of Celandine, as is that of Parsly.

Salmon.) It cures all affects of the Eyes, the Jaundice, Feavers, Pains of the Teeth, and conglu-

tinates Wounds and Ulcers: Dose ʒi.

18. *Quinta essentia Cinnamomi Fabri*, Fabers Quintessence of Cinnamon.

Take pure Oyl of Cinnamon, put it upon fresh Cinnamon, gently bruised and moistned with a little Cinnamon-water: put all into a Retort, and distil in a boyling B.M. till all the Oyl is come over: from the Caput Mort. calcin'd extract a pure Salt, which joyn with the afore-said Oyl, digest and keep it for use.

Salmon.) This is a wonderful Medicament, it provokes the Terms, brings away the Birth, cheers the Heart, comforts the Spirits, cures all Coughs and Colds, strengthens the Stomach beyond all other things in the world; recreates the Head, gives Virgins a good colour, and resists the infection of the Plague; in a word, it has all the virtues of Cinnamon, and of the Oyl exalted, which you may see lib. 1. cap. 2. sect. 7. and at sect. 12. ca. 3. of this Book. Dose à gut. iiii. ad vi.

19. *Quinta essentia Colocynthidos Fabri*, Fabers Quintessence of Coloquintida.

It is made of the expressed juyce fermented (taken when the Apples are ripe) according to the General Rule.

Salmon.) It is a great Arcanum in easing and curing the pain of the Teeth, it dries up Catarrhs, and in purging of Choler and Flegma has no equal. In a Sciatica, if it be rubbed in, it wonderfully eases the Pain, changing the nature of the Disease, and curing of it: In Quotidians and Quartans it is wonderfully efficacious: It cures the Palsy, comforts the Heart, Liver

Liver and Ventricle, kills Worms and heals the Corrosion of the Bowels. Dose à ʒi. ad ʒj.

20. *Quinta Essentia Cucumeris Agristis Fabri*, Fabers Quintessence of Wild Cucumbers.

It is made of the fermented juyce of the ripe Fruit, and fixed salt of the whole plant, as you make the Quintessence of Parsly.

Salmon.) It purges crude, serose and watery humors, cleanses the Blood, is excellent in the cure of the Dropsy, the Quartan, Green-sickness, Leprosy, Catarrhs, Dis-eases of the Lungs, Tettars, Ring-worms, Tumors and pains in the Ears. It cures the Gout, and all manner of Arthritick pains, certainly and safely. Dose ad ʒj. outwardly anoint with it.

21. *Quinta Essentia Ebuli Fabri*, Fabers Quintessence of Dwarf-Elder.

It is made of the Juyce of the Berries fermented gathered in their prime, and the Salt of the whole Herb, as we have taught before.

Salmon.) Against rhe Dropsy, Gout, and Quartan, there is scarcely the like Remedy in Nature, and in the curing of them it is rather miraculous than natural. It purifies the Blood, and eases all sorts of pains, taken inwardly in the morning fasting à ʒi. ad ʒij. or more, and outwardly applying of it.

22. *Quinta Essentia Halicacabi Fabri*, Quintessence of Winter Cherries.

Re Juyce of the Cherries, Digest and ferment in a bolt-head, and thereof make the Quintessence, by joyning with the burning spirit rectified, the essential salt of the juyce,

and fixed Salt made from the whole Herb.

Salmon.) It purges and cleanses the Reins, breaks and dissolves the Stone, cures the Disury, Strangury, yellow and black jaundice: Dose à gut. xx. ad xxx.

23. *Quinta Essentia Hellebori Fabri*, Quintessence of Hellebor.

Take black Hellebor leaves and roots a large quantity, gathered in October: beat them in a marble Mortar, and express the Juyce, which reserve; the Faces calcine well, and extract their elementary Salt: The juyce divide into two parts, the one part put into a Bolt head, and digest it with a very gentle fire for fifteen days: which pass, distil what can be distilled in B.M. put the distilled liquor upon the Faces, and then filter, what remains express out with a Press; set these (being mixed) to evaporate some part of their humidity, setting the rest in a cold place to Crystallize, which wash, dry and keep. The other hal of the divided juyce, ferment and extract the spirit as we have taught at Sect. I. Of this Chapter, cohabating several times: in this pur spirit dissolve the afore reserved Crystals, and distil seven times, in this distilled liquor put the first pure elementary Salt, put all into a glass Vessel, adding a little Adeph Rosarum, impregnated with a few grains of Musk and Ambergrise stop it close, digest forty days, shaking it 2 or 3 times a day, the keep it for use.

Salmon.) This is a Specifick in the cure of Melancholy, Frenzy, and Madnes; It is prevalent against Catarrhs, Vertigo's, Apoplexies, Epilepsies, the Megrim

and other Vices of the Head, if taken once, twice, or four times a month, Hj at a time in broth.

24. *Quinta essentia carnis humane Fabri*, Quintessence of man's flesh.

\mathcal{R} of Man's flesh killed by a violent Death, (the Sun being in \mathcal{Q} .) Hij . put to it S. V. rectified from all its flegm, so much as may overtop it the breadth of 4 fingers, digest it in a glass Vessel close stoppt, for 4 or 5 days; then take it out, and in a glass Platter or Bason, sprinkle the flesh often with Spirit of Salt depurated from all its flegm: cover the Platter or Bason, and set it in the shade where no dust may come, the flesh will imbibe or suck in a large quantity of the Spirit of Salt, which remaining in the Platter, let dry in the shade.

Hæc Caro sic condita summum est humanæ naturæ solatium, & vitæ suæ propugnaculum. Fabri Mycothecii Spagyrici, lib. 1. cap. 11.

\mathcal{R} of this flesh thus preserved Hj . reduce it into powder, put upon it the best rectified S. V. digest and circulate for 15 days, till the S. V. is tinged of the colour of Blood: decant the Tincture into a circulatory glass Vessel, and luting all the joynts well, circulate for eight or ten days with a very gentle fire, till it lets fall all its feces: decant again into another glass Vessel, which keep close stoppt: put all the feces together, viz. of the first infusion, and last digestion, and in a dayling B. M. draw off the humidity, which joyn with the former Tincture: The said feces burn and calcine to whiteness, with a Violent fire, from which with water of Carduus or flowers of the Tile-tree, or Lilly Convally, extract a Salt, which purify by many solutiones, filtrations, coagulations, and

calcinations: and joyn it with the former Tinctures: from this Tincture, by the heat of a gentle Balneo, abstract some of the humidity, till it becomes of the thickness of new Honey, which for its worth may be preserved in a Vessel of Gold.

Salmon.) It preserves Health, and expels all Diseases whatsoever; having so many great Virtues, that should we enumerate them, would seem an Hyperbole of the Highest degree. However, we affirm it is accommodated to all Diseases whether internal or external, producing a long and healthful life: Dose every Morning fasting gr. ij , iv , or v . in Broth or generous Wine.

25. *Quinta essentia Urinæ hominû, Fabri*, Quintessence of Mans Urine.

\mathcal{R} the Urine of a young man (\odot and \mathcal{V} being in \mathcal{K}) in a large quantity, or to Hxxx . put to it S. V. (to facilitate the putrifaction) put all into a glass Vessel, close stoppt to putrify in Horse-dung for a month, viz. till the whole Urine waxes black: then distill with a very gentle fire, to separate the S. V. which you may know by the streaks distilling in the head of the Alembick, when those streaks cease, change the Receiver, and gather the flegm till the summs appear white in the head of the Alembick which keep in a glass close stoppt. The feces calcine with a very strong fire, till they are white, from which with flegm of Wine, extract a Salt, which so often calcine, dissolve, filter, and coagulate till it is very white and pure: conjoyn this Salt with the former Liquor, to which add of S. V. rectified from all flegm p^{r} . digest and keep it for use.

Salmon.) It breaks, dissolves, and expels the Stone in the Reins and Bladder, healing Ulcers of those parts. It cures all sorts of Ulcers and Wounds whether internal or external: mixt with Spirit of Turpentine it helps the Strangury and Disury, and takes away the difficulty of making water: mixt with a grain or two of Camphir, it quickly heals a violent and virulent Gonorrhœa. It resists all Putrefaction, kills Worms: and preserves from putrid Feavers: Against the Plague it is one of the greatest of Antidotes: outwardly, applied warm with Lint, it maturates Tumors and eases pain. Dose (in a morning fasting) ã gr. x. ad xii. in Cinnamon water, walking after it.

26. *Quinta essentia Hirundinum Fabri*, Quintessence of Swallows.

Take Twenty or more Swallows, choak them so as that their Blood may remain within them, cut them into small bits (with their feathers) put them into a glass Still to which add ʒiv. or vi. of Spirit of the fermented juice of the greater Celandine: digest a while, then distil with a very gentle heat, till all the Spirit is come over; augment the fire, that all the rest of the humidity may ascend: after calcine the Caput Mort. with a strong fire to whiteness; from which extract a Salt with Celandine water; which purify: joyn this Salt with the latter extracted humidity after the augmentation of the fire, by a seven-fold distillation and rectification.

Salmon.) If the body be first prepared by purging with Crocus

Metallorum or Tincture thereof, and then this Medicine be adhibited, it very powerfully and effectually cures the Epilepsy, Palsy, Trembling, Numbness, Cramp, Convulsion, Gout, Sciatica, Quotidian and Quartan Feavers, evacuates Flegm and serous humors, and helps all Chronical affects. Dose a ʒj. ad ii. in Broth in a morning fasting.

27. *Quinta essentia Jalappæ Fabri*, Quintessence of Jallap.

From the powder of Jallap extract the Rosin with S. V. abstract the S. V. to the consistence of Honey in an Alembick with a gentle fire, which so often repeat till the Magma, left in the Alembick after distillation, be without faces in its dissolution, which reserve. From other Jallap extract an Oyl per descensum, which rectifie from its Empyruma, by mixing of it with Vitriol calcined to redness. From the Caput Mort. calcined, extract a Salt; all these three conjoin together, digest, and keep it for use.

Salmon.) It is an excellent thing in Madnes, Phrenzy, Melancholy, the Palsy, and other affects of the Head. It expels flegm, and all watery humours out of the whole Body. You may give it to the quantity of ʒj. or ii. in thin Broth or distilled Water, in the Morning fasting, with observation as in other purges.

28. *Quintessentia Carnis Lupi; Fabri*, Quintessence of Wolfs Flesh.

ʒx wolfs flesh newly killed ʒxx. Mineral Arsenick ʒij. Aron Roots dried ʒiiij. Soot ʒiij. Lims water ʒvj.

Hvj. bruise those things which are to be bruised; and cut those things which are to be cut, mix and put all into a Glass Vessel close stop'to putrife in Horse-dung for one whole Month: then, in a gentle Balneo, draw out all the humidity you can: after put the Alembick into Ashes, and distil with a very strong fire to dryness: the distilled Water rectify 3 or 4 times; the feces calcine to whiteness, out of which extract a Salt with Aron Water, and purify it till it is white as snow, and emits no fæces: dissolve in the aforesaid rectified water, digest in a warm place for 20 days: then in a gentle B.M. abstract all the humidity you can; what remains in the bottom keep in a Glass Vessel close stop'to for use.

Salmon.) It cures Cancers, and the Disease called the Wolf, as also *Noli me tangere*, powerfully mortifying and healing. It is also excellent against Scrofulous Ulcers; Phagedens, and all other malign Tumors; only by being used externally; or by being mixed with Oyl of sweet Almonds, Oyl of Mandrakes, or Oyl of Eggs; or the like Medicament easing pain.

29. *Quinta essentia Nucis Moschate Fabri*, Quintessence of Nutmegs.

R Oyl of Nutmegs by expression, mix it with the best rectified S. V. digest them in a warm B. M. for 15 days: then distil in a boyling B. M. all that can be forced over, so have you the S. V. and an Oyl spirit of Nutmegs, (like Oyl or spirit of Turpentine) having a most fragrant Odour, which always swims on top the S. V. as not being miscible and thicker than it. The Magma and

thick Oyl at bottom of the Alembick together with the fæces from which the Oyl was expressed, distil per descensum; the liquor now distilled mix with the newly expressed Oyl, digest both in a warm B. M. for 15 days, then distil by a boyling B. M. as much as you can make to ascend, which 5 times coborate and digest upon the remaining Magma, or so long till the Essential Salt ascends with the spirit white as snow, and of a most fragrant Odour, which with a very gentle heat you may melt. All the Magma's residing from every distillation and expression, are to be mixt together, and in an Alembick ad descensum, to be distilled, till they are burned to ashes; this Oyl per descensum mix with a little Vitriol, and distil by a Retort to free it from the scent of burning; from the Ashes of the Caput Mort. extract the Elementary Salt, which depurate: The Oyls per descensum mix with the Essential and Elementary Salts, and unite them by a warm Balneo, and keep it for use.

Salmon.) It virtuously and effectually cures all Diseases of the Head and Brain, as the Head-ach, Megrim, Vertigo, Frenzy, Madness, Epilepsy, Convulsion, Apoplexy, Carus and Lethargy: It is effectual against Cataracts, is excellent against Consumptions, cures Ulcers of the Lungs, comforts and fortifies the Heart, helps fainting and swooning Fits, strengthens the Stomach, revives the Spirits, Natural, Vital, and Animal, in so much that there are not many Medicaments equal to it in the whole republick

of Medicine. *Faber* saith, it makes a sweet Breath, sharpens the sight, strengthens the Liver, resolves the Spleen, provokes Urine, stops the Whites, expels wind, helps coldness of the Womb, causes fruitfulness, strengthens the Nerves and Joynts, eases pains proceeding of cold, provokes Lust, takes away Freckles and Spots of the Skin, and causes a good colour in the Face. Dose \dot{a} gut. viii. *ad* xii. or xiv. in Broth or Canary Wine; outwardly you may anoint the parts, grieved with it, either alone, or mixed with some proper Balsam.

30. *Quintessentia Myrrhæ, Fabri, Quintessence of Myrrh.*

Re Myrrh lbj. powder it and wash it in S. V. put to it spirit of Turpentine lbj. digest in B. M. for fifteen days: distil with a gentle fire, to separate the spirit of Turpentine: put it on again, and digest four days: distil again with a gentle fire to separate the spirit of Turpentine: which done, change the Receiver, and continue the distillation till nothing more will ascend: the remaining Magma calcine with a very strong fire, from which extract a Salt; which purifie, and put to the aforesaid Oyl; to which add the Tincture of the flowers of Hypericon, and flowers of Mullein, extracted with the aforesaid spirit of Turpentine, and digested with pure Myrrh: digest altogether, and keep it for use.

Salmon.) If this Quintessence be mixed with the Quintessence of round Birkwort and Comfrey, you have a most perfect and absolute Balsam for the Cure of Wounds and Ulcers, whether

new or old, simple or composed. It cures the Dysenteria, and other Fluxes of the Bowels, as also the Whites in Women, if mixed with Crocus or Oyl of Mars, in which case, nothing is more powerful: It also stops Catarrhs, temperates the sharpness of humors, heals Ulcers of the Intestines (given either by the Mouth or in Clysters) and is as great a preservative against the Plague and all Epidemical Diseases, as any thing yet known. Dose \dot{a} ℥i. *ad* ii. in any convenient Vehicle. Outwardly anoint with it, and apply it with Lint. After the same manner you may make the Quintessence of Mastich, Olibanum, and Frankincense.

31. *Quintessentia Melissa phylli, Fabri, Quintessence of Bawm.*

It is made of the fermented juyce as that of Parsly; *save*. 1. Because of the dryness of the Bawm, you may add a little S. V. rectified to help the fermentation. 2. That from the collected Magma's you may distil an Oyl by a Retort, or per descensum, which ought to be rectified and united with the Spirit, Essential and Elemental Salts of the Bawm.

Salmon.) It quickens all the internal Senses, sharpens the Memory, Purges the Brain of moist humors, revives the Spirits, chiefly the Animal, strengthens the Stomach, cheers the Heart, exhilarates the Mind, expels Melancholy, causes Concoction and excites the natural Heat. It is good against faintings and swoonings, fits of the Mother, Paralytick, and Apopleck Diseases: it fortifies the Brain, and takes away fancies and vain imaginations

tions whether from *Atra bilis* or *exusta pueria*. It is an Adjuvant to all the faculties of the whole man, prolonging life, preserving health, retarding Old Age, and resisting all things whatsoever, which are inimical to the lives of mortals. It is a powerful Antidote against Poyson, Plague, malign Feavers and all Pestilential Diseases. Dose \dot{a} ʒj. ad ij. fasting, in Cinnamon-water, spirit of Wine, or Treacle water.

32. *Quinta Essentia Menthae, Fabri*, Quintessence of Mint.

It is made of the fermented juyce of Mint gathered in July, as is that of Bawm, but without the addition of SV. where note, that the Magma plentifully abounds with Essential salt, which you may cause to ascend by many coborations & distillations of rectified SV. The Oyl of Mint you may either make as you do adeps rosarum or oyl of Juniper berries, or else per descensum, which you must rectify by mixing of it with a little Vitriol calcin'd to redness, & then distil it in a Retort 3 or 4 times till it is freed from its empyruma: In this Oyl you may digest fresh Mint in a gentle heat, and in a Vessel close stopp'd, for a week; after which, press out the Oyl strongly with a press, & in the expressed Oyl put more Mint, digesting and expressing as before, reiterating this work 4 or 5 times, viz. till the Oyl has acquired the most fragrant odour of the Mint: To this Oyl thus rectified and impregnated put the aforesaid Spirit and Essential Salt, as also the Elementary Sale made from the calcined feces, which unite, by digestion for eight or ten days, in B.M. then keep it in a glass close stopp'd for use.

Salmon.) It is a wonderful and

stupendious thing in stopping violent Vomiting, and taking away loathing of the Stomach. It strengthens the Ventricle, and cleanses it from all noxious matter. It kills Worms, eases pains of the Head arising from Disaffects of the Stomach: it cures the bitings of mad Dogs (the wound being bathed therewith, and lint dipt therein applied) is prevalent against the Plague, malign Feavers and other Pestilential Distempers: It softens and discusses all hard and scirrhus Tumors, ripens Phlegmons; and pestilent Bubo's, potently resists Poyson, &c. is one of the greatest of Pectorals. Dose \dot{a} gut. x. ad xx. in Cinnamon or Mint-water, outwardly applying it to the place affected.

33. *Quinta essentia Myrobalanorum, Fabri*, Quintessence of Myrobalans.

Re Myrobalans, put them into an Alembick ad descensum proprium, and distil with a most violent fire, so have you Water and Oyl, which separate: the Oyl rectify (cum Vitriolo ad rubedinem calcinato) in a Retort, till it is freed from its empyruma: from the Ashes well calcined extract a Salt, which joyn with the Oyl. Take new Myrobalans, reduce them into fine powder, which put into a Vial, to which add water (separated from the Extract of Sena, Rhubarb and Agarick) so much as may over-top the breadth of 4 fingers: stop the Vial close; and digest in ashes with a gentle heat for a month, then decant and filter; after distil with a very gentle fire, till almost all the infused water is ascended, and a Magma remain in the bottom of

the thickness of Honey, to which add (the Glass body being cold) so much distilled Water as will dissolve it; digest again 8 days in a gentle heat, decant and filter, distilling again till the Magma is of the thickness of Honey; cohobate the distilled Water, and digest 4 days, filter and distil again, leaving the Magma of the consistence of Honey, which operation repeat four times or more, till the Magma becomes clear, to which add the former Oyl and Salt, with a few drops of the Oyls of Cinnamon and Cloves, mix well, digest and keep it for use.

Salmon.) This is a wonderful Arcanum to keep back old Age, causing a good colour in the face, a sweet Breath, a merry Heart, and a sound Body: It cures the Hemorrhoids, reprefses Choller, comforts the Eyesight, taking away redness, inflammations, defluxions and the Films (used as a Collyrium:) It cures all Ulcers whether old or new, abstersges humors, strengthens the Intellect and Senses, revives the Spirits, is prevalent against Feavers, trembling of the Limbs, Inappetite, weakness of the Stomach and Vomiting. It purges Choller, Flegm, and watery Humors. It may be given either in Broth, Rhenish-Wine, or Syrup proper to the Disease; to Infants $\text{ad } \text{ʒi}$, $\text{ad } \text{iv}$ to Men $\text{ad } \text{ʒi}$, $\text{ad } \text{ʒi}$ in the Morning fasting.

34. *Quinta essentia Papaveris & Hyoscyami Fabri*, Fabers Quintessence of Poppies and Henbane.

It is made of the Juice fermented of Poppies and Henbane, mixing with it a sixth part of the S.V. to help the fermentation (because of

the coldness of these Juices which hinder it) but in all other respects exactly as that of Mint.

Salmon.) It is a true Nepenthe, most excellent in the most acute Diseases: It cures the Cholick, Pleurisy, Stone and Gout, *Ubi nihil est in rerum natura praestantius*: stops all sorts of defluxions, fluxes and Catarrhs, causes rest and quietness: is excellent against Frenzy and Madness: In all effusions of Blood, as at the Nostrils, the Terms in Women, and recent Wounds, *Ultimum est & tutissimum refugium*. In a word, it has all the Virtues of the most excellent Laudanum, Dose $\text{a gr. iv. ad } \text{vj}$ in Broth, Spanish-Wine or Cinnamon-Water.

35. *Quinta essentia Pepli Fabri*, Quintessence of Spurge.

It is made of the fermented juice, as we have taught in other Sections.

Salmon.) It is a great Arcanum in the cure of the Gout, Dropsy, Quartan, and the Palsy (whether of one Member only, or of the whole Body:) It mollifies all cold, hard, scirrhus Tumors (by anointing with it) and purges out all flegmatick and watery Humors. Dose $\text{a } \text{ʒj. ad } \text{ij}$. in strong Bodies, in Broth or proper Syrup.

36. *Quinta essentia Rhabarbari Fabri*, Quintessence of Rhubarb.

It is made of the powder of Rhubarb, altogether in the same manner as that of Jalap, excepting only that where as there is prescribed S.V. here it is to be used in place thereof water of May-dew, the reason of which is, because that Rhubarb is not so resinous, and therefore a more

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aqueous body may pierce and extract it : to which add some grains of Scammony dissolved in spirit of Vitriol.

Salmon.) It is an excellent and innocent Medicine, wonderfully opens Obstructions, purifies the Blood, clears the Skin of Leprosy, Morpew, Scurf, Freckles, Spots, &c. cures all continual Feavers of what kind soever, removes the Obstruction of the Spleen : cures the yellow Jaundice and Dropsy, kills Worms in Children, yet with very much safety ; dissolves tartarous coagulations, cures the Bloody Flux, and all other Fluxes of the Belly, stops the Whites. And used both internally and externally, it is excellent against Ruptures, asswages tumors, and eases pain. Dose ʒj. ad ij.

37. Quintessence of Emeralds.

Rx Emeralds in powder, calcine it with an equal quantity of Niter and Sulphur, which 3 or 4 times repeat with the same proportion of the Salt and Brimstone : wash the Calx in spring water so long till it has lost all its Acrimony, dry it ; calcine again for 4 days, with a very strong fire (yet taking heed that it melts not or turns to Glas.) This Calx dissolve often in new spirit of Vinegar : digest these Solutions for 15 days in a warm B.M. in a bolt-head close stopp ; after evaporate the Vinegar. The Salt which remains in the bottom depurate by many Solutions in alcoholized S.V. casting away the feces in every Solution, and filtering till the Salt is very pure, and will melt with a gentle heat like Butter or Wax : then put to it a double weight of the

spirit of salt rectified from all flegm, and half the weight of the spirit of Salt, of the powder of Emeralds now calcined : put all together in a glass body, closing the mouth of it, and digest till the Spirit of Salt is green like an Emerald : decant the Tincture and put on new spirit of Salt so long till it be no more tinged : mix all the Tinctures together, and distil with a very gentle heat, till there remains in the bottom of the Retort the Essence of Emeralds, green and thick like Honey, which keep in a Glas close stopp for use.

Salmon.) The very looking upon this Medicine comforts the Eye-sight, much more especially if taken inwardly. It sharpens all the Senses, revives the Spirits, chiefly the animal ; strengthens the Brain, resisting most disaffections thereof, as the Epilepsy and Lethargy, which it safely and perfectly cures : It evacuates all serous and watery humors out of the Head, and by its æthereal Spirits dissolves vapours : It helps against Melancholy, and takes away Demoniacal illusions, Phantasms, and Melancholy Dreams. It cures all intermitting and putrid Feavers, chiefly such as come from Bile, and that by insensible transpiration and Urine. It is powerful against Frenzy and Madness, cures all Fluxes of the Bowels, as the Diarrhea, Dysentery, Lysteria, the Hepatic Flux, and Flux of the Terms. All Ulcers whether phagædenick, fistulous, or cancerous, it mundifies, heals and cicatrises ; as also the bitings of mad Dogs, Serpents, or any other Venomous Creature. *Faber*

also saith, it is the greatest of Remedies against the Leprosy, and miraculously depurates the Blood from all its vices and corruption. Dose ʒi. ad ij in Broth, the Yolk of an Egg, Imperial-water, Treacle-water, Cinnamon-water, Canary, or other Vehicle proper to the Disease.

38. *Quinta essentia Sambuci, Fabri, Quintessence of Elder.*

It is made of the fermented juyce of the Leaves and Flowers, as that of Parsly or Mint.

Salmon.) It attracts by its Magnetic quality, all Flegmatick & watery Humors and expels them; comforts and cherishes the natural heat, wonderfully retards Old Age, cures all intermitting Feavers, chiefly the Quotidian and Quartan, as also the Gout in the Hands and Knees, The Dropsy, Leprosy and Scurvy, Suffocation of the Womb, weakness of the Sight, and difficulty of Hearing. Dose ʒi. ad ij. in a morning tasting, for three days; and intermitting a week, beginning again.

39. *Quintessentia sanguinis humani, Fabri, Quintessence of Mans Blood.*

Re the Blood of a Young man (♂ being in ♀ or ♀ in II or III) in large quantity, set it in the shadow in a glass Vessel, covering of it, that no dust may fall into it: let it stand till it coagulates, casting away the watery humors: of this Blood take lbv. mix it immediately with SV. rectified from all Flegm lbv. put all into a very strong Glass, shaking of them violently, that they may be well mixt; Then put them into a Bolt-head, stop it close, digest it in EM. or warm Ascs for 5 or 6 days;

till the Spirit is exceedingly tinged, and the Blood thoroughly dissolved: (but beware in this digestion, that you exceed not the natural heat, lest the Blood be more coagulated;) then distil in a glass Still, with a very gentle fire so have you first the S.V. when you see white drops begin to distil, change the Receiver, and by degrees augment the fire, till nothing more will distil over. Then augment the fire again, that a Salt whiter than Snow may ascend to the head of the Alembick: This Salt take, and joyn with the afore-distilled liquor (not with the S.V.) The scæces remaining, calcine to whiteness, and extract a Sale with some pure distilled water, or Flegm of Wine: this Salt calcine again, then dissolve, filter and coagulate, repeating it so often till the Salt is very pure, after which reverberate in a Vial hermetically sealed, for 15 days or more till it acquires a red colour, which then dissolve in the aforesaid separated S.V. the clear tinged S.V. decant, put it into an Alembick, and with a very gentle fire distil to dryness, or till the Magma is Oily: so this put the aforesaid liquor joined with its essential Salt: being first 7 times distilled: All being conjoynd, circulate with a very gentle fire (in a glass Still with a head) for 8 days, separating all that may be of the watery matter, keeping the remainder as the greatest of Arcanums.

Salmon.) It is the greatest of all natural Balsams, curing all Wounds and Ulcers of what kinds soever, whether inward or outward: it prevails against the force of Pestilential airs, preserving them which take it from

infection. It cures the Leprosy, Palsy, all affects of the Nerves, the Gout in the feet, knees, hands, or elsewhere; Hectick Feavers, the Phthisick, Catarrhs, Coughs, Quartans and Melancholy, it sharpens the intellect and all the senses, Preserves Youth, retards Old Age, and keeps back gray hairs. It is accommodated to all Diseases, revives all the Spirits, and propugnes the Enemies of Life. Give it with Broth or Mithridate, or in Cinnamon-water (in the morning fasting in time of Plague) to ʒj.

40. *Quinta essentia Scammonij, Fabri, Quintessence of Scammony.*

℞ choice Scammony lbj. dissolve it in distilled juyce of Limons, adding spirit of Vitriol ʒj. put all into a glass vessel, stop it close, and digest in a warm B.M. for a month, and distil with a very gentle fire, till the Magma has the consistence of Honey; to this Magmate put the water distilled, digesting at least 8 days, then filtering and distilling till the Magma is again of the consistence of Honey, thus cohobating, digesting, filtering and distilling, so often repeat till the Magma is without faeces in the solution, perfectly dissolved. Now take New Scammony, powder it grossly and distil in a proper Alembick ad decensum, with a very strong fire, so have you a fetid water of no worth but to be cast away, and a black oyl; toward the end of the distillation increase the fire till the Caput mort. or faeces are calcined to whiteness. The Oyl free from its empyreuma by rectification with a little Vitriol calcined to redness,

and 3 or 4 times distilled in a Retort; from the calvined faeces extract a Salt, which purify: then mix these three, viz. the Magma, Oyl and Salt together, so have you the Quintessence of Scammony, Catharticum Medicamentum, Regibus & Principibus solum reservandum, Propter benignitatem, & agendi Mirabilem vim in omnes Morbos.

Salmon.) It may safely and profitably be exhibited in all curable Diseases, for it purges downwards, without the least pain or molestation; outwardly applyed, it is Wonderful against all hard, cold and scirrhus Tumors, by dissolving and dissolving them, being used by unction three or four times a day, and taking once a week ʒj. in some proper Syrup, or Broth. It safely and surely cures a confirm'd and inveterate Leprosy, being used twice or four times a month, and the Quintessence of Mans Blood twice a week. Dose à ʒi. ad ij.

41. *Quinta essentia Stanni, Fabri, Quintessence of Tin.*

℞ Calx of Tin, made by burning, dissolve it in the strongest spirit of Vinegar, by digestion, for ten days in a gentle B.M. decant and pour on new spirit, digest for 6 days: decant and pour on more new spirit, digesting for three days: thus continuing till all the Calx is dissolved by the spirit of Vinegar: mix all these solutions together, and evaporate till the Magma is of the Consistence of Honey: This Magma dissolve again with the best spirit of Vinegar, and digest 3 or 4 days, after evaporate to the consistence of bony, repeating this work at least 4 times;

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at length after the last evaporation dissolve the Magma in alcoholized S. V. in a bolt head, digesting in a warm B.M. for 15 days. Then distil it in a Retort in a gentle heat in Ashes, till all the S. V. is drawn off; change the Receiver, closing the Joyns well, augment the fire to the third degree, till all the spirit is ascended in a water white like milk, which ceasing, augment the fire, so have you mixt an Oyl of a whitish yellow colour, which rectify seven times with its white spirits, and reserve it. From the faces extract a Salt, which depurate, and conjoyn with the afore-reserved Spirit and Oyl, digest in a warm B.M. till they are united, then keep it for use.

Salmon.) It has all the Virtues of the Essence of Luna, cures all affects of the Head and Womb, so effectually that nothing in nature can exceed it: It cures Melancholy, Frenzy and Madnes, Carus, Lethargy; strengthens the Brain, and frees it from offensive Vapors. It heals disaffects of the Liver, purifies the Blood, augments the natural heat, evacuates watery humors by Urine and Sweat, is powerful against the Dropsy, and a perfect Remedy for Fits of the Mother. Dose ʒi. ad ij. in the morning fasting.

42. *Quinta essentia Senæ Fabri*, Quintessence of Sena.

Be leaves of Sena lbj. or ij. put them into a glass body, to which put so much distilled Dew as may cover it the breadth of 4 or 5 fingers: stop the glass close and digest in warm ashes or a warm B.M. for 15 days, till the dew is tinged of an obscure red colour, decant the dew, put on new, or the water re-

serv'd from the extraction of Rubarb which is better, digest again till the water is tinged as before; decant, add more water, digesting as before: repeating this operation, so long till the water will be no more tinged: mix all these Tinctures, digest and distil with a very gentle fire till the Magma has the consistence of Honey, cobobate the distilled liquor upon the Magma, dissolve by digesting some hours, and being sealed, decant, filter, and distil again to the consistence of Honey, which operation so often repeat, till the solution of the Magma admits no faces; & be at the bottom of the Alembick of a hyacinth colour, then reserve it. Take new Sena lbiv. or v. distil with a very strong fire per descensum (in earthen vessels) till the Sena is burnt and brought to white Ashes, so have you a water (which cast away) and an Oyl, which rectify from its empyrama, by mixing of it with Vitriol calcin'd to redness, and distilling it 2 or 3 times by a Retort: From the Ashes draw a Salt, which purify, then mix the afore-reserved Magma, the Oyl, and this Salt together, to which add a little of the Oyls of Cinnamon, and Cloves; digest, and keep it for use.

Salmon.) It purges Flegm and Choler from the Brain, Stomach, Lungs, Liver and Spleen, quickens all the Senses, strengthens the faculties of the Body, opens all Obstructions, preserves Youth, retards Old Age, makes a chearful Mind, taking away Sadness and Melancholy, and all Diseases proceeding from that tenacious humor, preserving the natural heat, and vital properties of the Human frame: It is also

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wonderful good against Frenzy, Madneſs, Folly of Mind, Vertigoes, Lethargies, Carus, Palſies, Convulſions, the Head-ach, Epilepſy, Scabs, Puſtules, Itch, and all Diſeaſes proceeding of cold. Dose à ʒj. ad ʒj. in Mint, Roſe, or Cinnamon water, or ſome proper Syrup. Thus may you make the Arcana of Rhubarb, Agarick, and other things which are dry.

43. *Quintaeſſentia Sulphuris Salmoniana*, The Quinteſſence of Sulphur.

Re Sulphur, mix it with Vitriol calcin'd to redneſs, ſublime it thrice; then mix the flowers with ſalt deſcripitated, and calcined to whiteness, from which ſublime 7 times, renewing the Salt in every ſublimation, or ſo long till the flowers aſcend of a moſt perfect whiteness. Put theſe flowers into a bolt-head, ſeal it up hermetically, and put it into a reverberatory furnace, with an indiſſerent heat, for 40 days, or ſo long till the flowers acquire a glorious red colour, during this time augment the fire by degrees, but take heed that the flowers melt not: This done, take theſe flowers, put to them Oyl of Tartar, per deliquium, ſo much as may overtop them the breadth of ſix fingers, mingle them well, and digeſt in B.M. or ſand for 20 days, ſtirring them twice or thrice a day, at laſt increaſe the fire till the matter boils, but ſtir it that the flowers coagulate not: being cold, let what ſeas will, ſettle, decant this blood-red Tincture, and put upon the Magma new Oyl of Tartar, doing with it as before, till the Oyl is tinged: decant again, put on new Oyl, and ſo often repeat this operation till either the flowers are wholly diſſolved, or the

ſeas (if any be) will yield no more Tincture: put theſe Tinctures together, and put to them an equal quantity of ſpirit of Vinegar perfectly rectified from all ſlegms, digeſt in warm aſhes or B.M. till ſuch time as the Tincture of the Sulphur precipitates: decant the hum dity, and abſtract to dryneſs: put upon the dry precipitate, alchohol, 2^d SV. ſo much as may overtop it the breadth of ſix fingers, mix all well, ſtop the glaſs, and digeſt 20 days, or ſo long till the S.V. is perfectly tinged of a high red colour; decant, put on more S.V. and digeſt as before, reiterating the former work ſo long till all the precipitate is diſſolved, or the S.V. will be no longer tinged. Mix theſe Tinctures together, and in a Glaſs Still draw off the S.V. the remaining Tincture, which is of a rubicund colour, rectify by a Retort, and keep it for uſe. In this Oyl, diſſolve flowers of Sulphur made red (as we have before taught) which rectify again, ſo have you a very large quantity of the Quinteſſence of Sulphur, of a moſt pleaſant ſcent, and of ineſtimable Virtues.

Salmon.) This is one of the greateſt Cordials yet known in the World, an Antidote againſt all manner of Poyſon, the bitings of mad Dogs, Serpents, or any other Venomous Creature. It cures Wounds made with poyſon'd Weapons, glutinates them, and immediately produces the Cicatrize. It cures Heſticks, Phthiſicks, Aſthma's, Coughs, reſtores the humidum radicale, extinguishes præternatural heat; roots out the Leproſy, whether new, confirmed, or inveterate, (eſpecially if joined with Aurum

Poſa-

Potabile, purifies the whole mass of Blood, repairs such as are in Consumptions, and renovates in Old Age. It takes away all Scabs, Itch, and other putrid and filthy matter adhering to the outward parts of the Body. It cures the Gout, and eases the pain only by Undtion. It is Pectoral, Anodyne, Balsamick and Analeprick, it engthens the Nerves and Muscles, and helps the shrinking of the Sinews. It takes away Deafness, noise and pain in the Ears, dries up watery humors & Catarrhs, and helps the Dropsy Tympanites. Dose à ʒls. ad j. fasting, in Broth or the like.

44. *Quinta essentia salis Nitre*, Fabri, Quintessence of Salt Peter.

Be the finest Salt-Peter, common salt decipitated and brought to the highest whiteness. A. put them into a Retort, and distil with a very strong fire) the joints being close stopp'd with the best lute) a subtil red spirit; this spirit take (when the Vessels are thoroughly cold) and cohobate upon the Caput mort. repeating this Rectification 7 times, till it is freed from all its flegm: from the Caput Mort. extract a salt which depurate to a perfect whiteness, edulcorate, and then calcine to redness, which then unise with the former spirit.

Salmon It is to be noted, That the whole secret of making the Quintessence of Salts, lies in their putrefaction, which is done by being dissolved in their own acid Spirits, conjoined with a Vegetable Spirit. It renovates the whole mass of Blood, & depurates it in few days; it hinders gray hairs, quickens all the sen-

ses whether internal or external, takes away Scabs, and all cutaneous affections, Nodes, cold, hard and scirrhus Tumors proceeding from Melancholy, and other tenacious humors, resolving and discussing them only by undtion. It breaks and expells the Stone in the Reins and Bladder, and is a great Secret in curing the Gout, and easing all manner of Arthritick pains, strengthening the Nerves and Muscles, and stirring up the natural heat. Dose à ʒj. ad ij. in Broth or some proper water, in the morning fasting.

45. *Quinta essentia Turpetibi*, Fabri, Quintessence of Turbitch.

It's made as that of Gallap, or Rhabarb, which see in their proper places.

Salmon.) It is a powerful Arcanum in casting forth all Flegmatick, serous or watery humors. It purges gently by Stool, and cleanses the Ventricle of all Superfluous excrements: It expels flegm out of the Breast and Stomach, helps Coughs and difficulty of breathing. It cures the Dropsy, Jaundice, Elephantiasis, Scurvy, Gout and French Pox, and other Diseases proceeding from burnt Choler, Melancholy and venomous humors. Is also a Specifick against all sorts of Feavers, chiefly the Quotidian and Quartan, all Chronick Diseases, and such as proceed from redundancy of flegm. Dose à ʒls. ad j. in broth or proper syrup.

46. *Quinta essentia in Vitrioli*, Fabri, Quintessence of Copper.

Take Vitrol depurated from all its stith, dry it with a very gentle fire in a Copper vessel, stirring it with an Iron spatula, till it becomes a white powder: put this powder into a Retort well luted, filling it

some

somewhat more than half full, distil it with a fire of the third degree, as you distil Oyl of Vitriol, augmenting at last the fire to the highest, so have you a spirit, which reserve in a Retort close stop'd till you have a large quantity thereof, which by many repeated distillations you may obtain: but before every distillation dissolve the Magma in pure water, which being clear and limpid filter till it is free from all earthy matter which will not dissolve: then evaporate this solution, reduce the remainder to ponde, and distil as aforesaid, with fire, of the highest degree, repeating this operation so often, till the Magma becomes by degrees blew, and begins to look white, and the feces settle not, but swim on the top of the solution. Put all these spirits together, putrify by a gentle digestion in a warm B. M. in a glass Retort for 40 days: then distil it in a boiling B. M. to dryness, or as much as you can get over: what will not ascend, distil by Ashes, and rectify it 7 times by mixing of it with the feces taken from the primary distillations, which conjoin with the former white salt, which deplete together. Put it into a glass Retort, dissolve, then abstract the humidity of the solvent by evaporation of distillation, till the salt acquires a red colour, which then joyn with its rectified spirit, that it may be dissolved; and the spirit extract the Tincture and make it Volatile: At last mix all these with the Alcohol of the S. V. to putrify, then deplete till the mixture is of a glorious red colour, which conjoined to a little of its pure red Salt, digest with a very gentle fire, then fix and coagulate, so have you the Quintessence of Vitriol, the chiefest of all Arcanums, and a

Medicine Universally accommodated to the cure of all Diseases.

Salmon.) It is the most powerful of all Cephalicks, Cardiacks, Peccorals, and Hepaticks (suprat sublunaria Medicamenta omnia, & si hominem mori non oporteret editio divino, in perpetuas eternitates posse trahere vitam hoc arcano affirmarem, saith Faber.) It is a great Antidote against all manner of Poyson and Venom, whether Animal, Vegetable, or Mineral: It is a Preservative against the Plague, and pestilential Feavers, or malign Diseases. Dose ʒi.

47. *Quinta essentia Ungule Alcis, Fabri*, Quintessence of Elks-hoofs.

Be Elks-hoofs of the left hinder feet rasped, put them into a bolt-head and put upon them Oyls of Cinamon and Cloves, A. so much as may cover the raspings the breadth of two fingers, close the mouth of the glass hermetically, digest it in an Athanor, till such time as the Raspings are dissolved into a kind of Mucilage: then distill in Ashes with a very gentle fire, so long till no more will ascend (but beware that you burn not the Magma, this done, take the Magma out, and calcine it in an open fire, from which extract a salt with water of the flowers of the Tile-tree or Peony-water, which (being pure) conjoin with the afore-distilled Oyl, adding in most subtil ponde of the best Ambergris ʒj. digest, circulate, and keep it for use.

Salmon.) Faber advises the Oyls to be digested first with equal parts of the flowers of the Tile-tree and Peony for a Month, and then distilled three or four times that they may acquire the highest tenuity. This Quintessence

sence is doubtless one of the most stupendous Medicines yet known for the cure of the Epilepsy, Apoplexy, Lethargy, Convulsion Fits, Vertigo, Scotomia, Forgetfulness, and such like affects of the Brain: as also the Suffocation of the Womb. Dose ʒss ad ʒj.

48. *Quinta essentia Viperæ, Fabri*, Quintessence of Vipers.

Re Vipers (their Heads, Tails, Bowels, and Skin being cast away) cut them into small parts, which put into a bolt-head, with spirit of Salt, so much as to over-top them the breadth of four fingers (☉ being in ♀ & ♀ in ♀) digest in the Sun or B. M. for 15 days, after which distil all that may be of the humidity, which rectify several times to free it from its empyrama, and reserve it. The sæces calcine to whiteness, from which extract a Salt, which purify by many solutions, filtrations, coagulations, and calcinations, til it is purely white, and will melt like wax with a gentle fire. This salt conjoin with the former distilled liquor, which circulate till they become inseparable; at last in a gentle B. M. separate what may be of the aqueous humidity, keeping the other for use.

Salmon.) It is a most powerful Cordial, preserving the Life and natural Powers from decay, it preserves Youth, renovates in Old Age, purifies the whole mass of Blood, freeing it and the other humors, from all foreign, venomous, or inimical matter. It is excellent against the Plague and all Pestilential Diseases, preserving from as well as curing the Contagion: It strengthens the Brain, Heart, Stomach, and Li-

ver, cures the Bitings of Mad-Dogs, Serpents or of any other Poysonous Creature, as also Pestilient Bubo's, Carbuncles, Serpigo, Scabs, and Leprosy. It is also an approved Specifick in the cure of the French Pox, although in the highest degree. Use it outwardly to the part affected, and take it inwardly every Morning ad ʒj.

49. *Quinta essentia Vermium terrestrium Fabri*, Quintessence of Earthworms.

Re Earthworms, suffocate them in spirit of Vitriol, then distil from the Caput Mortuum calcined extract a Salt, which purify, and conjoin with the afore distilled Liquor.

Salmon.) It kills Worms, cures Fistula's, Ulcers, Scabs, Green-Wounds, and is prevalent against the Scurvy, outwardly anointed, and taken inwardly ad ʒss: in Broth, or other proper Liquor: It is also found by experience to be a Specifick in curing of the Rickets.

50. *Quinta essentia Virtutum Salmoniæ*, The Quintessence of Virtues.

Take of the Juices of Angelica, Bawang, Mint, Sage, Rosemary, Lavender, Thyme, Hyssop, Hypericon, Marjoram, Featherfew, Wormwood, Camomil, Penny-royal, Saxifrage, Parsly, Fennel, Rue, Celandine, Liquorice, Juniper-berries, Elder-berries, black Cherries, Peony Roses, red or corn Poppies, ana; ferment the Juices together, and make the Quintessence according to the afore said Rules.

Salmon.) It is a Medicine of Universal tendency, and given

with great success against all Diseases. It is Cephalick, Pectoral, Cardiack, Splenetick, Nephritick, Alexipharmick, Carmine, Analeptick, Anodyne, Traumatick, Diuretick and Hystrerick: Where note, you may

exalt its Virtues, if you add thereto Oyl of Cinnamon, Quintessences of Cloves, Mace, and Nutmegs, *ana p^ro.* and circulate them for ten days. Dose *à ʒj. ad ʒj.* every morning fasting in generous Canary.

CHAP. VI.

Of ELIXIRS.

1. **Elixir Proprietary** Paracelsi, Palacelsus his Elixir of Property.

Colledge.) R of choice Myrrh, of the best Aloes, Saffron, *A. ʒiij.* being poudred, put to them rectified S. V. and Spirit of Sulphur, *A. a sufficient quantity*; or so much as it may overtop the matter three or four fingers breadth: Digest four days to the extracting of the Tincture, which decant: To the remaining matter put new S. V. digesting and decanting, as before, at last abstract by distillation some part of the S. V.

Salmon.) If this Medicine be made as the Colledge have prescribed, 'twill scarcely be worth Rush: for, 1. If you put in the Saffron with the Myrrh and the Aloes, the Spirits will be so immediately full of the Gums, that they will not extract the tenth part of its Tincture. 2. That, if the Ingredients be put into the Spirits before they have been digested together almost to a sweetels, they will rather corrode and

fret the Gums than dissolve them, and spoil the glory of the Saffron. 3. The learned *Horsius* advises to digest eight days, which is better. 4. He advises to mix the last digested Spirit with so much Clay or Bole, as may form it into Balls, which being dried, ought to be distilled in a Retort with its Receiver, having the first tinged Spirit in it, being beforehand digested in Sand, and distilled with a strong Fire, so have you a beautiful red Liqueur which keep for use. 5. Some (and they very Learned Men too) advise rather to take Tartarized Spirit of Wine than the aforelaid Sulphurated Spirit, because all alkalious Essences are much the greater and better openers of Obstructions and dissolvers of Coagulums. How to tartarize Spirit of Wine we have taught, *lib. 1. cap. 9. sect. 19. Of this Dispensatory.* See how to make it with Tartarized S. V. in our *Doronic Medicum, lib. 2. cap. 6.* This is an excellent Medicine, of hot and thin

thin parts, opens all sorts of Obstructions, comforts all the Senses and parts of the Body, revives the Spirits, cheers the Heart, and makes the Sick pleasant and light-som; it is Cephalick, Pectoral, Cardiack, Splenetick, Diuretick, Sudorifick, Antifebrilitick, Alexipharmick, Analeptick and Anodyne. It comforts the Stomach, stops Catarrhs, and cures Headicks. Dose \dot{a} gut. xvj. \dot{a} 3ss. in a glass of generous Wine. This Elixir is an addition in their new Dispensatory.

ELIXIRS added by the Author.

2. *Elixir Febrile* Horstij, Horstius his Elixir against Feavers.

Re of the species Febrifuge Myrsibit 3iii. of long Peppers, Cloves, Nutmegs, *A.* 3j. leaves of Centaury, Carduus Ben. Wormwood, *A. M.* vj. Cinquesolia, Rue, *A. M.* iv. mix and extract the Elixir with sulphurated or tartarized S. V.

Salmon.) It is powerful against Feavers, as the Title expresses, being given in the time of the Paroxysm \dot{a} 3j. \dot{a} ii.

3. *Elixir Alliatum*, Elixir of Garlick from Horstius.

Take Cloves of Garlick N^o xx. bruise and put to them in an Alembick S. V. rectified 4 inches above: distil in B. M. with several cohobations, always adding fresh spirit in the last distillation, and Camphir 3j. tied up in a clout and put to the Neck of the Still.

Salmon.) It is a Preservative and Antidote against the Plague taken alone or in Angelica or Bawm-water every Morning fasting \dot{a} 3j. \dot{a} 3jss.

4. *Elixir Hystericum* and *Epilepticum* Schroderi, Schroders Elixir against Fits of the Mother, and the Falling sickness.

Re Roots of Peony, Acorus, Mistletoe of the Oak, *A.* 3j. Peony-seeds 3ss. red Sanders 3ii. of flowers of white water-Lillies, Corn-Poppies, red Roses, *A. M.* ss. Camphir 3ii. Extract of Opium 3ii. castor 3j. Spirit of Man or Deers blood 3xii. Spirit of Vitriol 3j. mix and digest, then strain.

Salmon.) It is excellent against those Diseases expressed in the Title, as also against the Headach, Vertigo, Megrim and Melancholy proceeding from Obstructions of the Spleen. Dose \dot{a} gut. viii. \dot{a} xii. to Children: and to gut. xx. or xxv. to Men, in Broth, Wine, or distilled Water, in the Fit and some days before the New Moon.

5. *Elixir purgans* Panchymagogum, The Purging Panchymagoge Elixir.

Re choice Rhubarb 3jss. Indian Spicknard 3jss. of all the Sanders, *A.* 3j. infuse them in Spirit of Juniper-berries 3viii. digest and strain. Then *Re* Agarick, Cinnamon, *A.* 3j. Ginger 3ii. infuse them in Spirit of Fennel 3vj. mixt with Spirit of Juniper 3iv. digest again and strain. Lastly, Take of Mechoachan 3ii. Fallay 3jss. of the best Turbith 3jss. Hermodacts 3j. Roots of Polyopody of the Oak, of Aron prepared, of Asarabacca, *A.* 3iii. of black Hellebor prepared 3vii. of the Bark of Esula Roots prepared 3vj. of Orange and Citron peels, *A.* 3jss. of the flowers of Violets, of Borrage of Broom, *A. P.* j. of the leaves of Sena, Carthamus seeds hull'd, dwarf

EL.

Elder-berries bruised, *A. ℥iſs.* Mass *℥j.* cut and bruise, what are to be cut and bruised, put to them Spiritus Anisi *℔iſs.* digest ten days, then strain this done, mix the three liquors together, and keep them in a glass close stopp for use.

Salmon.) This is an Universal Cathartick, good against a Cachymick disposition of the Body, and all Diseases proceeding of Repletion: It evacuates safely, easily, and with great success all rotten, putrid and heterogeneous humors lodging in the Body. facilitates the healing of old Ulcers and running Sores, cures the Dropsie, Jaundice, and all Obstructions of Liver, Spleen, Mesentery and Pancreas. Dose *ad ℥j. ad ii.* This is from the Augustin Dispensatory.

6. Elixir Uterinum Crollii, Crollius his Elixir for the Womb.

Take Castor *℔iſs.* Saffron *℥ii.* Extract the Tinctures apart with *S. V.* separate the spirit to the consistence of an Extract, to which add Extract of Mugwort *℥iv.* Salt of Mother of Pearl *℥j.* of the distilled Oyls of Aniseed, Angelica, and Amber, *A. ℥ii.* Mix and digest all together for the space of ten days.

Salmon.) It is a Specifick against most Diseases of the Womb, as Obstructions, Suffocation and pain: It also corrects and amends the Vices of the Terms. Give it a day or two before they come. Dose *a ℥j. ad ii.*

7. Elixir Pestilential Crollij, Crollius his Pestilential Extract.

Be flowers of Sulphur *℥iii.* put to them rectified Oyl of Juniper-ber-

ries *℥iv.* or to cover them the breadth of three or four fingers; Oyl of Amber, freed from its sediment sink, a quarter part of the Oyl of Juniper-berries: digest all in sand often shaking of it, that the Flowers may be gently dissolved without burning. Then take of the best Mithridate or Venice Treacle, *℔i.* extract a Tincture with *S. V.* rectified: separate the *S. V.* and keep the Extract; Take Roots of Elecampane, and of Angelica, Juniper-berries bruised, *A. ℥ii.* with the former separated *S. V.* extract a Tincture in *B. M.* which mix with the former Extract, and the Solution of the Flowers of Sulphur (first filterated through paper) circulate all with a gentle heat for 14 or 20 days, and keep it for use.

Salmon.) It is a wonderful Preservative and Antidote against the Plague, if given with some appropriate Liquor, as also against all other Epidemical Diseases, Dose *a ℥j. ad ℥ii.* in the Morning fasting.

8. Elixir Citri, Elixir of Citrons.

Be Citron peels, separated from the white *℔iſs.* *S. V.* rectified *℔xii.* Infuse them eight or ten days then distill them with a refrigeratory, till the flegm ascends: To this Spirit (tinged with a little Saffron) put juice of Citrons purified *℔iſs.* digest.

Salmon.) It has the Virtues of the former, is a great Cordial and Reviver of the Spirits, chearing the Heart, comforting the Brain, and curing most Diseases afflicting the Head; as Epilepsies, Apoplexies, Convulsions, Vertigos

Megrims, Head-aches: Dose \mathfrak{z} j. alone, or in Bawm water, in the morning fasting.

9. Elixir Camphoræ, Elixir of Camphir of Hartman.

R Spirits of wine \mathfrak{lbj} . Camphir \mathfrak{zj} . Saffron \mathfrak{zj} . break the Camphir and dissolve it without fire: then bring the Saffron in it, tied up in a clout: digest till the S. V. is of a Gold colour, then keep it for use.

Salmon.) It is an Antidote against the Plague and all Pestilential Venom, being a Specificke against Epidemical Diseases. It is a powerful Diaphoretick, drives out the Small-Pox, retails Putrefaction and Poyson, and strongly abates Lust. Dose \mathfrak{a} gut. x. ad xx. in any Cordial Spirit or Water.

10. Elixir Nephriticum Schroderi, Schroders Elixir against the Stone.

R Myrtle berries, Bay Berries, Winter cherries, Juniper berries, A. \mathfrak{zj} . Maiden-hair, Pauls Betony, Butchers Broom, ana P. j. Roots of Cypress, Burnet, Rest-harrow, A. \mathfrak{z} ss. juyce of Limons \mathfrak{zj} . Flowers of Broom, Bagl \mathfrak{ss} , seed of Melons, Poppions, A. \mathfrak{zj} . Hasle-nuts N $^{\circ}$ iv. S. V. rectified, a sufficient quantity: mix all together and digest forty days in a Cask; decant and keep it for use.

Salmon.) It is an excellent Diuretick and Nephritick, provokes Urine, and the Terms, breaks and expels the Stone, and is helpful against the Dropsie and Jaundice. Dose \mathfrak{ab} \mathfrak{z} ss. ad j.

11. Elixir Epilepticum Schroderi, The Epileptick Elixir.

R Spirits of Coral, of Tartar, A. \mathfrak{z} ss. \mathfrak{zj} . Salt, Volatile Salt of Mans skull, Volatile Salt of Mans blood,

and Salt of Amber, ana \mathfrak{zj} . digest 14 or 20 days, then keep it in a close glass for use.

Salmon.) The Title shews the Use: it is an incomparable thing against all affects of the Brain and Nerves. Dose \mathfrak{a} gut. vi. ad xii.

12. Elixir Antiepilepticum Crollii, Crollius his Elixir against the Falling sickness.

R Vitriol calcined till it be yellow, imbibe it with spirit of Wine to make a Mass of it of which Mass take \mathfrak{lb} ss. Mans skull rasped, Missetto of the Oak, Elks-hoofs, Peony seeds, A. \mathfrak{zj} , cut and bruise them, then distil by degrees in a Retort. Take of this distilled Liquor \mathfrak{lbj} . rectifie it in B. M. with Castor, Species Diamoschu Dulcis, ana \mathfrak{z} ss. Angaradines \mathfrak{zj} S. V. \mathfrak{lbj} . Salt of Peony \mathfrak{zj} . Oyls of Aniseeds and Amber, ana \mathfrak{zj} . digest all in B. M. for 40 days.

Salmon.) This is dedicated to the Head, against all Diseases affecting the Brain and Nerves: Dose from half a spoonful to a spoonful, in Peony water or Essence of black Cherries for a month together.

13. Elixir syncopticum Clossai, Elixir against swooning Fits.

R distilled waters of the three Gerdial Flowers, of Marigolds, of Zillies of the Vally, Ros solis, ana \mathfrak{zj} . juyce of Limons depurated \mathfrak{lbj} . Rose-water \mathfrak{lbj} . Bawm water \mathfrak{lb} ss. Fumitory water \mathfrak{zj} . Antidotum Orvietanum (in Chap. 23) \mathfrak{z} ss. of the Confections of Hyacinthis, of Alkermes, of Diambræ, A. \mathfrak{zj} . Saffron \mathfrak{zj} . Camphir \mathfrak{z} ss. Citron peels candied and sliced \mathfrak{lb} ss. Sugar Candy dissolved in Vinegar of Roses \mathfrak{zj} . Lute the

Vessell

Vessel well, and set it in a Horse Dung-hill 20 days: then distil in B. M. adding towards the end of the distillation powder of Diambra *℥iv*.

Salmon.) This is a wonderful Medicine against Swooning Fits, burning Feavers, faintness, illness of the Stomach, and Heart-qualms, Apoplexies and all sudden Diseases. Dose ab *℥j. ad ii. vel iii.* fasting, and before Meals: if the Stomach be oppress'd with matter, it would be good first to evacuate it, then to take this Elixir.

14. Elixir Antepilepticum Cratonis, Crato's Elixir against the Falling-sickness.

Be the Ashes of a young Cray out of the Nest, ashes of a Turtle-Dove, Mans skull calcined, ana *℥ii.* Berries of the Tile-tree gathered in Autumn *℥ii.* Lions dung *℥s.* S. V. so much as to cover all three inches over: extract according to Art, calcine the faeces and make a Salt: Take the said Tincture, Canary, A. Sugar Candy *℥iv.* To which add the Salt: digest till they are perfectly united, and keep it for use.

Salmon.) You may know the Virtues by the Title: 'tis doubtless an Excellent thing: you may give from half a spoonful, to a whole spoonful every morning fasting.

15. Elixir Vita Majus Quercetani, Quercetan's great Elixir of Life.

Take Roots of Zedoary, Angelica, Gentian, Valerian, Tormentil, Scorzonera, Galangal, Xyloaloes, yellow Sanders, ana *℥iv.* leaves of Bawm, Mint, Marjoram, Basil, Hyssop, Time, Ground-pine, Germanander, A. Mts. Juniper and Bay-

berries, Limon and Orange peels dried, seeds of Peony, Seseli, Dill, Fennel, Anise, Citrons, Carduus, ana *℥ii.* Cloves, Cinnamon, Mace, Ginger, Cubebs, Cardamoms, Pepper long and round, Spicknard, ana *℥ss.* Benjamin, Myrrh, Olibanum, Amber, Mastich, ana *℥vi.* Flowers of Rosemary, Sage, Penny, Steachas, Marigolds, Lavender, Hypericon, Centory the less, Betony, Lillies of the Valley, Tile-tree, ana P. ii. Flowers of Succory, red Roses, Bugloss A. P. j. Honey and white Sugar, A. *℥ij.* S. V. rectified *℥xx.* Digest ten days in a Vessel close stopp'd, then strain and distil, putting into the beak of the Still Musk *℥ss.* Ambergrise, Saffron, A. *℥j.* make a soft fire first, so have you a clear water, keep it by it self: increase the fire to the second degree, so have you cloudy spirits: make the fire yet stronger, so have you an Oyl, continue the distillation till the Caput Mort is almost dry, (but not so dry as that the Liquor should taste of burning:) From the faeces extract a Tincture with the water first distilled; to this Tincture put the former spirit and Oyl, and distil again as before, keeping the various Liquors, as they are drawn, a-part: of the faeces of both distillations, make a Salt by Calcination, with the clear water first distilled; which water impregnated with the Salt, joyn with the spirit and Oyl, and circulate them for 40 days.

Salmon.) This is a difficult Medicine to make, and dear; but of great force to prevent and cure the Falling sickness, Apoplexy, Palsy, Madness, Melancholy, Megrim, Asthma's, Lethargy, Syncop, Fainting, Ill-

ness of the Stomach, Cachexy, Suffocation of the Womb, weakness, and many other desperate Diseases. Dose à gut. iv. ad x. or xij. in Water or Wine. This Elixir is said to preserve health and prolong life. *Norslius his Pharm. lib. 5. pag. 123.*

16. *Elixir Vita minus Quercetani*, Quercetan's less Elixir of Life.

R Roots of Gentian, Centory the less, *A.* ʒiij. Galangal, Cinnamon, Mace, Cloves, *A.* ʒj. Flowers of Sage, Rosemary and Hypericon, *A.* P. ij. Rhemiss or Spanish Wine lb vi. digest in B.M. ten days, then strain and distil in an Alembick in Ashes to dryness: put the distilled water upon the remaining faeces, and in a warm B.M. extract a Tincture; of the matter yet left, make a Salt with Carduus water, which put to the former Tincture, and circulate them.

Salmon.) It has the Virtues of the former, but not full out so powerful. Dose half a spoonful

17. *Elixir Vitrioli Mynsichti*, Mynsicht's Elixir of Vitriol.

R of Galanga the less ʒiiss. Calamus Aromaticus ʒi. Mint, red Sage, *A.* ʒiiss. choice Cinnamon, Cloves, Ginger, *A.* ʒiij. Nutmegs, Cubebs, *A.* ʒij. Xyloaloes, Citron peels, *A.* ʒj. mix and make a powder: add white Sugar-Candy ʒiij. S.V. rectified, so much as to make it thick like Honey. Put all into a glass, and put thereto Oyl of Vitriol or Copper or Iron, or spirit of Vitriol often rectified, so much as to over-top it the breadth of four fingers. Digest 40 days, at length decant the Tincture and filtrate: upon the remaining faeces

put S.V. and according to the Spagyrick Art, extract an Essence: mix both these together, circulate in B.M. for 20 days, and keep it for use.

Salmon.) Experience testifies that there is scarcely a more noble and efficacious Stomack, in the whole republick of Medicine. It is a great Secret in all affects of the Ventricle, given in Mint-water; for it comforts all the inward parts and principal Members; it cools heats, and causes Appetite: It is most excellent in the Epilepsy, Apoplexy, Catarrh, Flegmatick disposition of the whole body, pain of the Head, Lethargy, and Fevers. Dose à ʒss. ad ʒj. in appropriate Liquor.

18. *Elixir in suffocatione Matricis*, Myl's, Elixir against the Suffocation of the Womb.

R Mace, Ginger, Cubebs, Cardamoms, Pepper long and round, Spicknard, *A.* ʒiv. Myrrh, Olibanum, Amber, *A.* ʒiiss. Roots of Tormentil, Angelica, Valerian, Zedoary, *A.* ʒviij. flowers of Marjoram, Rosemary, Sage, Peony, *A.* M. ss. Bay and Juniper-berries, seeds of Oranges and Citrons, of Fennel, Anise and Coriander, *A.* ʒiv. Centory the less ʒii. Carduus ʒiv. Cinnamon ʒvj. Cloves ʒij. Sugar ʒbi. Honey ʒbss. Spirit of Wine, q.s. mix, digest, extract, and make the Elixir according to Art.

Salmon.) It helps the Stupfaction of the Brain, dries up Catarrhs, helps the Chollick, and cures the Suffocation of the Womb.

19. *Elixir Paraliticum*, Elixir against

against the Palsy, from *Horstius*.

R Roots of Zedoary, Galanga, Ginger, Scorzonera, Wood of Aloes, black Pepper, Cloves, Juniper-berries, *A. ʒiv.* Mace, Cinnamon, Cardamoms, Dittany, Citron-peels, Orange-peels, Marjoram, Sage, Rosemary, Penny-royal, Spicknard, *A. ʒii.* Coriander, Aloes, Alkermes : Bay and Juniper-berries, Cubebs, *A. ʒjss.* Aqua Vita rectified *℥iij.* mix, digest, decant, and finish the Elixir according to Art.

Salmon.) This is of singular use against the Palsy, Numbness, Trembling, Cramp, and all cold affects of the Brain and Nerves. Dose à *ʒiv.* ad *ʒj.*

20. Elixir Sulphuris, The Elixir of Sulphur.

R Saffron, Myrrh, *A. ʒjss.* Marsh-mallows, Benjamin, Cardamoms the less, Cinnamon, *A. ʒj.* juyce of Liquorice, Confection of Alkermes, Roots of Elecampane, *A. ʒvi.* Alipta Moschata *ʒiv.* mix and powder them, to which add white Sugar-Candy *ʒii.* rectified S.V. so much as to make it into a Paste : after put to it so much spirit of Sulphur as may over-top it the breadth of four fingers : digest and circulate forty days : decant the Tincture, and from the scæces extrakt another Tincture with S.V. mix the two Tinctures together, and keep them for use.

Salmon.) This is a wonderful remedy in all affects of the Breast and Lungs ; It is good a-

gainst Catarrhs, Coughs, though inveterate, the Phthisick, Melancholy, fainting and swooning Fits, Asthma's ; it comforts the Heart, preserves from Putrefaction, prolongs Life, and keeps back grey hairs ; It is Cephalick, Alexipharmick, Pectoral, Analeptick and Anodyne. Dole so much as changes the Vehicle to an Acidity : alone it cannot be taken, but with some Pectoral Water or Syrup.

21. Elixir Lapidis Lazuli Phiorovanti, Elixir of Lapis Lazuli.

Calcine the Stone in a Brickish, then dissolve it in rectified Aqua Vita or S.V.

Salmon.) It is a choice Remedy against Melancholy, Obstructions of the Spleen, malign Feavers, the Plague and Poysonous Ulcers ; Dose à *ʒiij.* ad *ʒvi.* vel *ʒi.*

22. Elixir Juniperium Gregorii *Horstij*, The Juniper Elixir.

R Rob of Juniper-berries, 12 Spoonfuls, Spirit of Juniper *℥iijss.* digest.

Salmon.) It is one of the greatest Stomaticks ; it breaks the Stone in both Reins and Bladder, purges and cleanses them. Dose a spoonful. See *lib. 1. cap. 6. sect. 51.* beforegoing.

There are several other Elixirs of eminent use, which to avoid the labour of Transcription ; you may see at large in Our Doctor Medicum, *lib. 2. cap. 6.*

CHAP. VII.

Of TINCTURES.

I. *Tinctura Croci*, Tincture of Saffron.

Colledge.) *R* Saffron ℥ii . Treacle-water ℥viii . digest six days, then strain it.

Salmon.) It cheers the Heart, resists Melancholy, expels Poyson resists the Venom of malign Diseases, and has all the Virtues of Treacle-water. Dose ℥i . in a Morning.

2. *Tinctura Castorei*, Tincture of Castorium.

Colledge.) *R* Castorium in powder ℥j . spirit of Castor lb ss. digest ten days: strain it, and keep the liquor for use.

Salmon.) It cures fits of the Mother, and the Epilepsy, and has all the Virtues of the Spirit of Castor, but much more effectual. Dose ℥ss . or more.

3. *Tinctura Fragrorum*, Tincture of Straw-berries.

Colledge.) *R* ripe Wood Straw-berries lb j . put them into a glass, putting to them so much small S. V. as may over-top them the breadth of 4 fingers: stop the Vessel close, and set it in the sun 2. days, then strain it, pressing it but gently, put this spirit to so many more fresh Straw-berries, repeating this infusion with new fruit for six times, at last strain, and keep it for use.

Salmon.) It is an excellent

Cordial and digestive; strengthens the Stomach, creates a good Appetite, and makes a strong Digestion. Dose ℥ij .

4. *Tinctura Scordii*, Tincture of Scordium.

Colledge.) *R* leaves of Scordium gathered in a dry time lbs. digest them in thin S. V. lb vj . in a Vessel well stopp'd for three days, strain and press out gently, repeating the infusion for three times: then keep the clarified liquor for use.

Salmon.) It cures the Scurvy, and is excellent against Malign, Venomous and Pestilential Diseases.

Colledge.) After the same manner are made Tinctures of Celandine, Rest-harrow, Rosa-solis.

5. *Tinctura Chelidonij*, Tincture of Celandine.

Salmon.) It quickens the Eyesight, cures the Jaundice, and keeps back Old Age.

6. *Tinctura Ononidis*, Tincture of Rest-harrow.

Salmon.) It opens all Obstructions, cures the Jaundice, breaks and expels the Stone.

7. *Tinctura Rosis solis*, Tincture of Sun dew.

Salmon.) It is an excellent Peccoral, Alexipharmick and Analeptick.

8. *Tinctura Theriacalis*, vulgo, *Aqua*

Aqua Theriacalis, *Lugd. per insr.*
Tincture of Treacle.

Colledge.) *R. Canary Wine* often times distilled, *Vinegar* (in which *Rue-seeds* & *Is* have been boyled) *A. ℥ii.* choice Treacle, the best *Mithridate*, *A. ℥ss.* mix, and set them in the Sun, or heat of a bath, digest, and keep the Tincture for use.

Salmon.) It has the Virtues of *Mithridate* and *Venice Treacle*, the which see in their proper places; but this is much better for such as cannot take an *Electuary* or a *Bolus*. It is excellent against all manner of fainting fits, and fits of the Mother. Dose a spoonful or two in a morning fasting, or in the fit.

9. *Tinctura Cinnamomi*, vulgo, *Aqua Claretta Cinnamomi*, Tincture of Cinnamon.

Colledge.) *R. of Cinnamon bruised* *℥ij.* *S. V.* rectified *℥ii.* infuse four days in a large glass; stopped with a Cork and a Bladder, shake it twice a day, then dissolve sugar-candy *℥ss.* by it self in Rose-water; mix both Liquors, into which hang a Noddle, containing *Ambergrise* *℥ss.* *Musk* *gr. iv.*

Salmon.) It has all the Virtues of Cinnamon-water, which see before in its proper place: Dose ad *℥i.* It strengthens the Brain, Stomach, Liver and Womb; helps the *Cachexia*, *Dropsy*, and *Scurvy*.

10. *Tinctura Viridis*, The green Tincture.

Colledge.) *R. Verdigrise* *℥iv.* *Auripigmentum* *℥vi.* *Alum* *℥iij.* white Wine *lb j.* boyl them till half be consumed, adding after it is cold, waters of red Roses and Night-shade; *A. ℥vi.*

Salmon.) This was designed for the removing a Callous from a *Fistula*, and the cleansing of old, rotten and putrid Ulcers: But 'tis a dangerous Medicine.

11. *Tinctura*, seu *Aqua Aluminosa Magistralis*, Alum-water or Tincture.

Colledge.) *R. waters of Plantane*, red Roses, *A. lb i.* *Reb Alum* sublimate, *A. ℥ij.* boyl the Alum and the sublimate (being in Powder) in the Waters, in a Vessel with a narrow Mouth, till half be consumed; when it has stood five days strain it.

Salmon.) It is a wonderful Medicine to cleanse, correct and heal any old, rotten, or putrid Ulcer or Sore, whether Venereal or other. 'Tis much safer, and a thousand times better than the former: If it be too strong you may allay it with Spring water, till it is fit for use.

Tinctures added by the Author.

12. *Tinctura Cathartica Chel.* seu, Purging Tincture of Clof-seus.

R. Scammony *℥i.* Turbith, *Agarick*, *Hermadales*, *Rhubarb*, *A. ℥iij.* powder them, put them into a glazed pot, add *S. V.* circulated 40 days, or small Cinnamon-water *lb ss.* to take away the Acrimony, digest 8 days in *Asbes*, shaking the glass twice or thrice a day, then decant the Tincture.

Salmon.) It is a *Panchymagogue*, purging *Flegm*, *Choller*, *Melancholy* and Watery humors from all parts of the Body, which

it doth with much safety. Dose one Spoonful with half an ounce of Syrup of Limons, or Syrup of Damask Roses or Violets made sharp with Spirit of Sulphur.

13. *Tinctura Rosarum*, Tincture of Roses.

Take whey new made and depurated lb. vi. whilst it boyls put into it flowers of red Roses ℥vi. new Tamarinds ℥ss. spirit of Vitriol Dissolve the boyling cease, but whilst hot, cast in fresh red Roses bruised ℥iij. Corn Poppies, Violets, A. ℥ss. digest them in a warm place for some hours, then cool, Strain and filter, to the filtered liquor, add of Damask Rose water ℥iij.

Salmon.) This is from the Augustin Dispensatory, and is intended against Melancholy, inward Inflammations, heat of the Liver, Pleurisy, &c. where note, That instead of Whey you may if you please use Lettice, Purslane or Poppy water: Dose ab ʒj. ad ʒij. or more.

14. *Tinctura Rosarum siccarum*, Tincture of dried Roses.

Take spring water lbij. red Roses dried ℥ss. rectified spirit or Oyl of Sulphur ℥ss. infuse in a warm B.M. for 4. hours: Strain, then dissolve it in fine Sugar ℥vj. and filter through brown paper.

Salmon.) It cools, comforts, and digests, and is excellent in all Burning Feavers.

15. *Tinctura Hyperici*, Tincture of St. Johns Wort.

Take the tops of Hypericon whilst in the flower, powder them, and digest 8 days in rectified S. V. q. s. and in a warm place & then filter, so have you a rubicund Tincture, which edulcorate with white Sugar, and keep for use.

Salmon.) It is an excellent thing in all contumacious Diseases: It helps Weakness, provokes Urine and the Terms, and is profitable for most Diseases of the Reins and Bladder: It is also good against Melancholy, stupidity and trouble of Mind, and takes away all foolish Imaginations.

16. *Tinctura Antimonij Mynsichti*, Mynsichts Tincture of Antimony.

Take Vitriol calcin'd to redness, q. s. put to it spirit of Vinegar, digest 2 days in a warm place, and decant the Tincture: In this liquor put crude Antimony q. s. digest till the menstruum becomes yellow; decant, and put on new: mix the Tinctures, and abstract to the thickness of Honey; then extract the Tincture with S. V. which abstract in pare, keeping the Tincture for use.

Salmon.) It is a wonderful thing against the Epilepsy, Melancholy, Madnes, Poyson, Plague and love Portions or Philters. Dose gr. vj. in Wine

17. *Tinctura Asthmatica Mylij*, The Pectoral Tincture of Mylius.

Take roots and leaves of Birch-wort Miiij. Hyssop, Bawm, Hypericon, A. M. ij. Aloes ℥vj. Myrrh ℥ij. Roots of Aron, Elecampane, Burnet, A. ℥ss. juyce of Liquorice ℥j. Sugar of Roses ℥iij. S. V. q. s. mix, digest, decant, and keep it for use.

Salmon.) In this we have added the juce of Liquorice, which ought to be the Spanish sort. It is a most excellent Pectoral, curing all Diseases of the Lungs whatsoever. Dose ʒij. in the morning fasting.

18. *Tinctura Apoplectica Mylij*,

11j, Mylius his Apopleckick Tincture.

Rx Peony seed, Nutmegs, Coriander seed, Mistletoe of the Oak, *A.* Zij. Galanga, Cubebs, Cinnamon, black Pepper, *A.* Zi. Rosemary flowers Zij. roots of Tormentil, Ginger, *A.* Zls. Sugar Zijls. Malago Wine, distilled from Lilly-Convuls q.s. or so much as may overtop it the breadth of five or six fingers: digest 20 days, decant, and keep the Tincture for use.

Salmon.) It is powerful against the Apoplexy, Falling-sickness, Vertigo, Megrim, Carus, Lethargy, Palsy, Convulsions, and loss of Memory: but the Medicine would be much better, if you added Anacardiums Zij. Dose Zij.

19. Tinctura in calculo Horstij, A Tincture against the Stone.

Rx Juniper-berries lb j. Mace, Nutmegs, *A.* Zij. solution of Pearls, white Amber, *A.* Zvj. red Coral prepared, Bezoar-stone, *A.* Zij. Wood of Aloes Zls. Citron peels Zij. Ambergrise Zij. Mosch gr. x. Sugar lb j. S.V. rectified lbviii. mix, digest 40 days, then decant the Tincture for use.

Salmon.) It is excellent against the Gravel Stone, Ulcers in the Reins and Bladder, the Cholick, and all other pains and affects of those parts. Dose one or two spoonfuls.

20. Tinctura Nephritica Horstij, The Nephritick Tincture of Horstius.

Rx Saxifrage roots Zij. Jew's-stone Zls. Asparagus and Scordium, *A.* M. ss. seeds of Parsly, Bishops-weed, Ivy, Broom, Bay-berries, *A.* Zij. Rhenish Wine q.s. digest in a warm B.M. 20 days.

Salmon.) It has the Vertues of the former, it provokes Urine and the Terms, and may be given ab Zij. ad iv.

21. Tinctura Cathartica Mylij, Mylius his purging Tincture.

Rx choise Sena Zijls. Turbith Zvi. Diagredium, Rhubarb, species Diagalanga, *A.* Zij. Spirit of Wine q.s. the particulars being in powder, digest 20 days in B.M. decant and keep it for use.

Salmon.) It universally purges all humors, and that from all parts of the Body, safely, pleasantly and effectually, opens all obstructions; and provokes the Terms. Dose 2 or 3 spoonfuls in a morning fasting.

22. Tinctura Corallorum Glauberi, Glaubers Tincture of Coral.

It is made with sale of Tartar, as you make Tincture of Flints, &c.

Salmon.) It has all the Vertues of Hartman's Tincture.

23. Tinctura Corallorum Grulingij, Grulingius his Tincture of Coral.

Rx Coral, calcine it with Sp. Niter, till it is white, which dry: put upon it spirit of Honey, to extract the Tincture, which decant, and so often repeat, till it will be no longer tinged: mix these extractions together, and coagulate in B.M. with a gentle heat; then extract a most rubicund Tincture with the best rectified S.V. abstract the S.V. till the Tincture remains in the form of Oyl.

Salmon.) This is to be preferred before many other Medicaments in affects of the Liver, it stops all Fluxes and the Whites in Women: In the Hemorrhoids nothing is more sure at strength-

ens the Heart, and opens all sorts of Obstructions: It helps the Suffocation of the Womb. and is certainly the greatest purifier of the Blood that is, removing all Diseases which proceed from Corruption thereof. Dose \dot{a} gr. x. ad xiv. in choice Canary.

24. *Tinctura Diaphoretica Mynsichti*, Mynsichts Sweating Tincture.

\mathcal{R} S. V. rectified, Spirit of Elder rectified, \mathcal{A} . $\mathfrak{z}\mathfrak{v}$. Spirit of Tartar rectified $\mathfrak{z}\mathfrak{i}\mathfrak{j}$. Spirit of Vitriol $\mathfrak{z}\mathfrak{i}$. Confect of Alkermes $\mathfrak{z}\mathfrak{v}$. mix, and make a Tincture.

Salmon.) It is a powerful Sudorifick, and good against all Venene and Pestilential Distempers. Dose \dot{a} $\mathfrak{z}\mathfrak{i}\mathfrak{i}$. ad $\mathfrak{z}\mathfrak{i}\mathfrak{v}$.

25. *Tinctura Diaphoretica Paracelsi*, Paracelsus his Sweating Tincture.

\mathcal{R} Zedoary, Angelica, Calamus Aromat. Galanga, Mace, Ginger, Cinnamon, Grains of Paradise, black Pepper, Sarsaparilla, Ulmaria, \mathcal{A} . $\mathfrak{z}\mathfrak{j}$. Aloes, Mastick, Myrrh, Frankincense, Camphir, \mathcal{A} . $\mathfrak{z}\mathfrak{ls}$. Musk, $\mathfrak{d}\mathfrak{j}$. S. V. and Rose-water Muskified, \mathcal{A} . so much as to over-top it, the breadth of four fingers, Spirit of Sulphur $\mathfrak{z}\mathfrak{ls}$. (set of Juniper $\mathfrak{z}\mathfrak{i}\mathfrak{i}$. digest 20 days, then decant it.

Salmon.) It is a wonderful thing to cause Sweat. Dose $\mathfrak{d}\mathfrak{j}$. See our Doron, lib. 2. cap. 7.

26. *Tinctura in Convulsionibus Myi*, A Tincture against Convulsions.

\mathcal{R} Rue, Hyssop, Sage, Betony, Stachas, Calamint, Rosemary, \mathcal{A} . M. \mathfrak{j} . Roots of Acorus and Peony, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{i}$. Roots of Parsly, Stone-Parsly, Fennel, Butcher's Broom, Asparagus, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{v}$. seeds of Anise, and Fennel,

Nutmeg, Cinnamon, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Honey $\mathfrak{z}\mathfrak{v}\mathfrak{j}$. Spirit of Wine, so much as will over-top all the breadth of 4 fingers, digest twenty days in B. M. then decant the Tincture.

Salmon.) It is excellent against all affections of the Brain and Nerves; it cures Convulsions, Palsies, Falling-sickness, Lethargies and such like Diseases.

27. *Tinctura in Melancholia Mylij*, The Tincture against Melancholy.

\mathcal{R} Epithimum, Polipody, Lapis Lazuli, \mathcal{A} . $\mathfrak{z}\mathfrak{j}$. Diagredium, black Hellebor, Sal Gem in powder, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{i}$. Agarick $\mathfrak{z}\mathfrak{j}$. Cloves, Aniseeds, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Flowers of Bugloss and Violets, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{j}$. S. V. tinged with Bugloss flowers, q. s. digest and make a Tincture.

Salmon.) It is very prevalent against all Obstructions of the Spleen, removes Hypochondriack Melancholy, and is excellent against Scabs, Itch, Pustles, and other disaffects of the Skin. Dose $\mathfrak{z}\mathfrak{j}$. or $\mathfrak{i}\mathfrak{j}$. in the morning fasting.

28. *Tinctura Pestifera*, Tincture against the Plague.

\mathcal{R} Venice Treacle, Mithridate, \mathcal{A} . $\mathfrak{z}\mathfrak{i}\mathfrak{ls}$. Carduus, roots of Elecampane, \mathcal{A} . $\mathfrak{z}\mathfrak{j}$. Zedoary, Masterwort Carline Thistle, Angelica, \mathcal{A} . $\mathfrak{z}\mathfrak{ls}$. white Dittany $\mathfrak{z}\mathfrak{j}$. Gentian, Burnet, Tormentil, of all the Sanders, \mathcal{A} . $\mathfrak{z}\mathfrak{v}\mathfrak{j}$. roots of Butter-bur, Virginian Snake-root, \mathcal{A} . $\mathfrak{z}\mathfrak{j}$. Valerian $\mathfrak{z}\mathfrak{ls}$. Musk gr. xxxv. Camphir $\mathfrak{z}\mathfrak{i}$. Aqua Vita rectified q. s. mix, digest, and make a Tincture.

Salmon.) It is prevalent against all poysonous and pestilential Diseases, comforts the Heart, and revives the Spirits, and preserves from all manner of infection.

Dose

Dose ʒj. in the morning fasting, in a glass of generous Wine, or at the time of fainting.

29. *Tinctura educens fœtum mortuum Mysi*, A Tincture forcing away the dead Child.

Be powder of Savin ʒj. mountain Calamint, Cinnamon, A. ʒss. Dittany of Crete, Myrrh, Castor, A. ʒss. Saffron ʒj. meal of red Cicers ʒss. Maidenhair ʒj. Bay-berries bull'd ʒss. Salt of Urine ʒiii. Rhenish Wine so much as to overtop it the breadth of two fingers : digest make a Tincture.

Salmon.) It provokes Urine and the Terms, and forces away the Birth, dead or alive, cures fits of the Mother, and helps the Strangury, Disury and the Stone : Dose ʒj.

30. *Tinctura Guajaci Mynsichti*, Mynsicht's Tincture of Pockwood.

Be of the wood rasped ʒiv. Massilia ʒii. Xyloloes ʒi. Clovegilliflowers dried ʒss. spirit of Wine, q.s. digest and make a Tincture.

Salmon.) It is good against pains of the Teeth, stinking Breath, Cararrhs, Coughs, and Ulcers of the Lungs. Dose a spoonful: you may also wash the mouth with it, after which use a little Aniseed water.

31. *Tinctura Hyperici Mynsichti*, Mynsicht's Tincture of Hypericon.

Be of the juce of Hypericon ʒii. of Pimpernel with purple flowers, ʒj. of Asses blood ʒss. flowers of Bugloss, Rosemary, Roses, A. ʒvi. Confeſſio Alkermes, Cassia Lignea, A. ʒss. Saffron ʒj. mix and distil in a Glass Alembick; of this distilled water take ʒii. Essence of the

flowers of Hypericon, and Saffron extracted with SV. ʒii. mix, digest, and make a Tincture.

Salmon.) It is an excellent thing against Madnels, Foolishness of Mind, Inchantment, Sorcery, Witchcraft and Melancholy. Dose ab ʒals. ad ij. bis in die, viz. Morning and Evening.

32. *Tinctura Juniperi Mynsichti*, Mynsicht's Tincture of Juniper.

Be Juniper-berries ʒj. Anniseeds ʒiv. roots of Angelica ʒj. Lignum Nephriticum ʒss. Mace ʒii. Malago Wine ʒviii. digest, and distil; with the distilled water, extract a Tincture out of Juniper-berries.

Salmon.) It warms, opens, attenuates, dissolves, provokes Urine, breaks the Stone in both Reins and Bladder, comforts the Heart, and revives in Fainting fits. Dose ab ʒss. ad j.

33. *Tinctura in Schirro Lienni*, Mysi, A Tincture against the Schirrus of the Spleen.

Be Wormwood, Organy, Hissop, Hypericon, Calamint, Rue, A. M. j. Spicknard, Tamarisk, Dodder, Bawm, Mallows, Pennyroyal, Anniseeds, Carraways, Fennel-seeds, A. M. ss. Benjamin ʒiii. mix and make a Tincture with Vinegar of Squills.

Salmon.) The Title shews the use, besides which it opens all Obstructions in any part of the Body, and preserves the humane frame in Health. Dose ab ʒi. ad ij.

34. *Tinctura Martis Mynsichti*, Tincture of Iron of Mynsicht.

Be Sal Armoniac p.ii. filings of Steel, p. j. mix and distil in a Retort, with a gentle Fire at first; then

then with a stronger : the Magma remaining edulcorate by much washing : then put it into a Cucurbit, and with S. V. extra & a Tincture, decant and put on new Spirit, till the Magma will yield no more Tincture, then abstract the one half of the Spirit by an Alembick, the remaining Tincture filterate through paper, and keep it for use.

Salmon.) It opens all Obstructions of Liver and Spleen : cures Hypochondriack Melancholy, Quartans, Cachexies, Dropsies, the Green-sickness, Scurvy, Stoppage of the Terms, and their too much flowing. Dose à gut. vj. ad xii. in Wine, Syrup, or Decoction.

35. Tinctura Odontalgica, Mynsichti, Mynsichts Tincture for pain in the Teeth.

Be Assings of Guajacum, Sassafras, Sassa-parilla, A. ʒi. Roots of Pellitory of Spain, Raw Alum, Niter, A. ʒss. seeds of Staves-acre, and of Henbane A. ʒii. Opium prepared, Cloves, Mother of Time, Organy, Saffron, A. ʒj. with S. V. and Vinegar, A. libss. make a Tincture.

Salmon.) Put a little of it into the mouth and hold it on that side the Teeth ach, and the pain will immediately go away : also given inwardly, and used outwardly, it is one of the greatest Anodynes in the World. Dose half a spoonful.

36. Tinctura Paralytici Mylij, A Tincture against the Palsy.

Take Roots of Peony, Butchers-broom, Asparagus, A. ʒvi. Tops of Hysop, Betony, Gout Ivy, Comstips, A. ʒj. of the 4 greater cold seeds, A. ʒii. Flowers of Marigolds, of Stechas, of Rosemary, of Motherwort, A. P. 1. Cinnamon, Raisons dit A. ʒj. Malaga Wine a sufficient quantity, make a Tincture.

Salmon.) Drink it first in the morning and last at night. Dose ab ʒii. ad iv. outwardly bath the parts therewith two or three times a day.

37. Tinctura Proprietatis Mynsichti, Tincture of Property.

Be S. V. drawn off from Aniseeds ʒxv. Elixir Proprietatis ʒj. Confectio Alkermes ʒss. Clove-Gilliflowers ʒj. mix and make a Tincture ; which sweeten with Sugar.

Salmon.) It has all the Virtues of the Elixir and Confection : used, it prevents the cause of all Diseases. Dose à ʒj. ad ii. in a morning fasting.

38. Tinctura Papaveris Erratici Mynsichti, Mynsichts Tincture of Corn Poppies.

Be Flowers of the Corn-poppy ʒj. sprinkle them with Spirit of Violets ʒi. then with distilled water of the juice of new flowers ʒxxx. extract a rubicund Tincture ; which filter and add thereto Syrup of the juice of Corn-poppies (a little vitriolated) ʒviii. mix, and keep them for use.

Salmon.) It is excellent in all thin and sharp defluxions of Rheum from the Head upon the Lungs, and Trachea arteria : It causes sleep and rest, cures Coughs, Hoarseness and Wheezing, eases the Phthisick : is good against Pleurisy, Pains and Stitches of the side, eases all sorts of Pain, abates Inflammations, provokes Sweat, stops the Bloody Flux and Whites in Women. Dose ʒii. alone, or with some other Vehicle.

39. Tinctura Catholica Grulingii, Grulingius his Universal Tincture.

Take leaves of choice Sena ʒiss. Turpeth elect ʒvi. Diagridium.

Rbu-

Rhubarb, Species Diagalangæ, A. ℥ii. S. V. so much as to overtop it the breadth of four fingers; make a Tincture by digestion in B. M. to which add of the best Aloes ℥ss. Gutta Gamba ℥vi.

Salmon.) It purges all humors, and from all parts of the Body; works pleasantly and without pain. Dose to ℥j. or more.

40. *Tinctura Cholagoga Grulingii, A Tincture purging Cholera.*

Take Rhubarb ℥vi. Mechoacan, Turbith, Diagredium, A. ℥ii. Cinnamon, juyce of Liquorice, Mace, Seeds of Citrons, A. ℥j. make a Tincture by digestion in B. M. with S. V.

Salmon.) It purges Choler, opens Obstruction of the Lungs, and cures the yellow Jaundice.

41. *Tinctura Pblegmagoga Grulingij, A Tincture purging Flegm.*

℞ choice Turbith, Coloquintida, A. ℥vi. Sena ℥ss. Diagredium ℥ii. Cinnamon, Clover, Ginger, Galanga, A. ℥j. with S. V. make a Tincture.

Salmon.) It purges Flegm and Water wonderfully; and being much used cures the Dropsy; Jaundice, Gout, Kings-Evil, Leprosy, Scabs, Itch and French-Pox. Dose ab ℥j. ad ii.

42. *Tinctura Melanagoga Grulingij, A Tincture purging Melancholy.*

Take leaves of Sena, Crystals of Tartar, A. ℥j. Diagredium ℥ii. Cinnamon, Cloves, Galanga, Aniseeds, A. ℥j. mix, and with S. V. make a Tincture.

Salmon.) It cures most Diseases proceeding of Melancholy,

opens Obstructions of the Spleen, and helps the Green-sick-ness.

43. *Tinctura Hydragoga Grulingij, A Tincture expelling watery humors.*

℞ Seeds of Dwarf-Elder ℥vi. Carthamus ℥iv, Diagredium, Colocynthis, A. ℥li. Cinnamon, Mace, Ginger, Aniseeds, A. ℥j. with S. V. in B. M. make a Tincture.

Salmon.) It purges water beyond imagination; cures Dropsies of all sorts, the yellow Jaundice, Kings-Evil, and other Diseases proceeding from Flegm and Water.

44. *Tinctura Solutiva, The Solutive Tincture.*

Take Pulp of Prunes, of Cassia, of Tamarinds, of Manna, A. ℥j. Sugar Candy, Sugar of Roses, A. ℥vi. juyce of Violets, ℥iii, juices of the flowers of Borrage, Bugloss, Roses, A. ℥j. mix them, and with Rhenish wine extract a Tincture.

Salmon.) It is a delicate purge, you may give it to Infants, and the most tender of all Bodys: It gently purges Choler and Watery Humors; cleanses the Bowels and Reins, and cools them. Dose ab ℥j. ad ii. or more.

45. *Tinctura Narcotica Milij, A Tincture easing pain.*

℞ the Bark of Mandrakes ℥iss. Roots of Poppies, Seeds of black Poppies; Seeds of Henbane, A. ℥iii. of Winter-Cherries, ℥iv. Opium ℥j. Flowers of Chamomil and Violets, A. M. ss. with S. V. make a Tincture by digestion in B. M.

Salmon.) It eases all pain, and causes Rest and Sleep: bathe the Temples and Fore-head therewith, as also the part afflicted,

45. Tin-

46. *Tinctura succini, Horslii*, Tincture of Amber.

R Amber in fine powder, as much as you please, put upon it a sufficient quantity of S. V. digest for some days in a gentle heat: decant, and put upon it new S. V. which so often repeat as it will extract any Tincture: put the Tinctures together, and abstract in a gentle B. M. to the consistence of Honey.

Salmon.) It is a singular Specifick in all Diseases of the Head, as the Apoplexia, Epilepsy, Palsy, Cholick, Vertigo, Megrim, Catarrh, Ophthalmia, &c.

47. *Tinctura Uterina, Mynsichti*, Mynsicht's Womb Tincture.

R Berries of Elder and Dwarf-Elder, ana ℥iv. Briony roots ℥j. Sweet Marjoram ℥j. mix and put to them Aqua Hytterica (at Sect. 48. Cap. I. of this Book) with a few drops of Oyl of Vitriol, digest in B. M. for some days, till the Tincture is of a Rubie colour, then decant and keep it for use.

Salmon.) It is a most excellent Hytterick and Cephalick, good against the Suffocation of the Womb and Epilepsy, and others the most perilous Diseases of those parts. Dose à ℥ii. ad iv.

48. *Tinctura Vitæ Mynsichti*; Mynsicht's Tincture of Life.

R S. V. ℔vj. Damask Rose-water ℔iv. Orange and Citron peels,

red Roses dried, Mint, Bawm, white Sanders, Cinnamon, A. ℥ss. Xyloaloes, Mace, A. ℥ii. Seeds of Coriander, of Angelica, of Anise, of Fennel, ana ℥ss. Spicknard, Galanga the less, Saffron, Cardamoms, Cloves, ana ℥ss. Ambergrise, Musk, ana ℥ss: let them stand in digestion for eight days, after distil by an Alembick, to ℔vii. of which put Cassia Ligna ℥ii. Costickia Alkermes (or the juyce) ℥i. ana ℥ss. digest till the Tincture is perfect; then with Syrup of Sugar Candy, q.s. sweeten it, and keep it for use.

Salmon.) In my Opinion the Musk and Ambergrise had better be put into the Distilled Water in the last digestion, but every one may make it which way they please. It is of an incomparable odour; it exhilarates the Heart, revives the Spirits, comforts the Brain and Stomach, augments natural heat, helps concoction, expels Wind, eases the Cholick, takes away Cold, opens Obstructions of the Lungs, Liver and Spleen, preserves Health, and as Mynsicht saith, *Vitam prolongat*. prolongs Life. Dose from one spoonful to two.

There are several other Tinctures, All which you may see at large in our *Doron Medicum lib. 2. cap. 7.*

CHAP. VIII.

Of EXTRACTS.

I. **E**XTRACTUM CONFICIENDORUM ratio generalis, The General Rule of making Extracts.

Colledge.) Extracts may be prepared from almost all Physical matter, whether simple, as Herbs, Flowers, Seed, &c. or Compound, as Species, Pills, &c. Or from any Medicament, which will communicate a Tincture by Menstruum. Therefore take of any Medicine cut, or bruised, or otherwise prepared, as the infusion requires; put to it S.V. what you please, or some distilled water, as the Physician shall prescribe, a sufficient quantity: let it stand in infusion in the heat of a Bath, or other gentle heat, for two days, more or less, according as the thickness or thinness of the matter requires, till the liquor is sufficiently impregnated with the Tincture of the Medicament. Then separate the tinged liquor by inclination: put on more new Menstruum, which being infused as before, separate again: this so often repeat, till the matter will afford no more Tincture: put all these tinged liquors together, filter them through brown paper; and then by the heat of a Bath evaporate the humidity, till the matter in the bottom of the Vessel be brought

to the consistence of Honey, which keep for use. To which (the Physician prescribing) you may add of its own proper, and other convenient Sale (for example sake ℥ss. or ℥iij. to every Ounce of Extract) that it may keep moist the longer.

Salmon.) You may make Extracts as well of Minerals and Animals as of Vegetables, and according to the difference of the matter, such must be the difference of the Menstruum, agreeable to the intention. The most famous Menstrua are, 1. Spirit of Wine. 2. Quercetan's Tartarized Aqua Vitæ. 3. Basil's Temperate Water. 4. Quercetan's Philosophical Vinegar; Besides the Spirits of Honey, Mead, Turpentine, Beer, Ale, Whey, May-dew, Vinegar and Distilled Rain. 1. Spirit of Wine is called the Catholick Menstruum, which you may either use alone, or acuated, as we have before taught: it is not very good to be used in the extraction of purgers, by reason of its Sulphurous property, which is not proper for the extraction of Salts, in which the purging Faculty remains: for by experience we know, that the Cathartick Virtue, has the

not been touched by S. V. but has been after drawn out by another *Menstruum*: this is clear, if you please but to make up any Dose of purging Pills or Troches of the strongest Catharicks yet known; ten times the quantity shall not work at all, no not in the most facile Body: whereas otherwise the tenth part might probably give twenty Stools. 2. *Quercetan's Tartarized Aqua Vite* is used by him in the extractions of all Vegetables, but the preparations of it he has plainly set down no where; Some think it to be *Aqua Vite* of Hydromel Tartarized, because he saith, that from Artificial Malmsey, viz. *Hydromel*, there is made a rare *Aqua Vite*, better than of Wine, to extract Essences. The reason is, because Hydromel partakes of both a Vegetable and Animal nature. Now to Tartarize S. V. we have taught, *lib. 1. cap. 9. sect. 19. and 20.* and after the same manner you may Tartarize *Aqua Vite* of Hydromel. 3. *Basil's Temperate water*, which what it is, Authors are somewhat dubious in; Some think it to be that at *lib. 1. cap. 9. sect. 24. of this Book*. Others this following; *Be the best rectified S. V. cobobate it twelve times upon Common Salt, till it carry the Essence of the Salt with it: this done, add to it an equal quantity of spirit of Salt rectified, then digest them.* Or thus, according to *Tentzelius*. *Be S. V. rectified, put upon it Phylsophical Salt of Tartar (which is the pure Salt drawn out of Vine A/kes) so*

much as may cover it the breadth of four fingers: digest in a Bolt-head in B. M. with a gentle heat, then distil it. 4. *Quercetan's Phylsophick Vinegar*, concerning which he has left us in a Cloud, so that he is scarcely to be understood. He saith, *it is made of the acid liquor of Dew, or Celestial Manna, by digestions and Phylsophical fermentations.* In another place he saith, *It is made of an aerial animal humidity, and a watery Mercurial sharpness, joyned with a Terrestrial Vegetable, by a convenient proportion and fermentation.* This *Libavius* thinks to be May Dew and Manna; Others think it made of Honey & Salts *A. lb. j. Vinegar lb. ij.* mixed, digested, distilled and often rectified. But all this is certainly error. *It is truly a Vinegar made of Hydromel, Wine and Salt of Tartar*, for he saith, that Honey is made by Bees; which are fed with Heavenly Dew or Manna, and he prefers Vinegar made of Hydromel and Wine before all other Vinegars; by the Earthly Vegetable, he means Tartar of Wine, that being the most noble of all things of that kind. Thus much concerning *Mens-truums*, now understand that while the *Menstruum* remains unseparated from the matter extracted, the Medicine is called a Tincture, after separation an Extract. As to the more particular or general way of making Extracts, with all Observables necessary, we shall have an opportunity more fit in the sixth Book of this present Work.

Extracts added by the Author.

2. *Extractum Uterinum Mynsichti*, Mynsicht's Extract for the Womb.

R Berries of Elder, and Dwarf-elder, *A*. ℥iv. Roots of Peony, red Mugwort, white Dittany, Bryony, *A*. ℥ii. Mistletoe of the Oak, Amelos, Penny-royal, Bawm, Cassia Ligna, *A*. ℥j. Saffron, Castor, *A*. ℥ss. mix; and with S. V. make a Tincture, extracting again the S. V. till an Extract remains; then add Hogs-blood dried in an Oven, and prepared with an Hysterick water ℥ss. Bezoarticum and Magisterium Jovis, Magisteries of Mother of Pearl and Coral, *A*. ℥ss. Chymical Oyls of Cloves, Angelica, white Amber, and of Oranges, *A*. ℥j. mix them and keep the Extract for use.

Salmon.) It cures suffocation of the Womb, and most other Diseases with which it is affected; even when most desperate. Dose \dot{a} gr. x. ad ℥ss. in *Aqua Bryoniae Composita*.

3. *Extractum Agarici*, ex Augusti. Extract of Agarick.

It is made of the powder of Agarick, digested in S. V. filtered and abstracted.

Salmon.) It gently purges thick and tough flegm from the Ventricle and Mesentery, Liver, Spleen and Lungs; and has all the Virtues of Agarick. Dose ℥ss.

4. *Extractum Aloes*, Aug. Extract of Aloes.

It is made of the powder digested in S. V. or some distilled water, then decanted and abstracted to a just

consistency of an Extract.

Salmon.) It has all the Virtues of Aloes, purifies and strengthens the Stomach, takes away Crudities, resists putrefaction, and kills Worms. Dose ℥ss. The chief simple Extracts now in use are of Wormwood, Wood of Aloes, Angelica, Calamus Aromaticus, Capers, Carduus, Centory, Saffron, wild Cucumers, white Dittany, Elecampane, Esula, Euphorbium, Galbanum, Gentian, Guaiacum, black Hellebor, Hierapicra, Liquorice, Mechoacan, Jallap, Bawm, Myrrh, Opium, Opopanax, Peony, Rhubarb, Sagapenum, Scammony, Sena, Turbith and Zedoary; the Virtues of which you may see among the Simples.

5. *Extractum Agarici Compositum*, Schlegelji, Extract of Agarick Compound.

R pure Agarick ℔ss. Rhubarb ℥iii. Aniseeds, Ginger, Mace, *A*. ℥ss. all being in powder, make an Extract with S. V. rectified.

Salmon.) It purges Cholera and Flegm excellently and gently, expels Wind, and is prevalent against the Cholick and Stone. Dose \dot{a} gr. xx. ad ℥ii.

6. *Extractum Diacarthami*, Andernaci, Extract of Carthamus.

R Pulp of Carthamus Seeds ℥iv. white Turbith, leaves of Sena, *A*. ℥ss. Diagridium ℥v. Rhubarb ℥i. Agarick trochiscated ℥vi. Manna ℥ss. Cheb Myrobalans ℥iii. Poly-podium ℥ii. Ginger ℥i. make an Extract with S. V. (in which the Species Diambre ℥j. were first macerated for 8. days) first digest the powdered matter for fourteen days, then dissolve the Manna in it, after express the singed Spirit, in a bagg,

M m with

with a press; lastly, evaporate to the consistency of Honey.

Salmon.) It purges serose and watery humors, cleanses the Head, Ventricle and other Viscera, from evil and noxious juices, evacuating the vicious matter: it is either given alone in the form of Pills, or in a Bolus; It takes away Choler and Melancholy, and by great experience we know it to open all manner of Obstructions. Dose from ℥j. to ℥ij.

7. *Extractum Cholagogum Quercetani*, an Extract purging Choler.

℞ Rhubarb ℥vj. Sena ℥iv. Diagridium ℥j. Spicknard, yellow Sanders, Cinnamon, A. ℥ss. Troches of Barberries ℥ii. depurated juyce of Damask Roses, q. s. mix and digest in a gentle B. M. then strain, and abstract to the consistence of an Extract, to which add of the Extract of Aloes (at Sect. 4.) an equal quantity.

Salmon.) It is scarcely possible to make the Extract according to the Recipe; for Diagridium being a resinous body, will not dissolve in juyce of Roses. But you may do it thus: Make an Extract of all the Species (the Diagridium, Cinnamon and Troches excepted) to the Extract add Rosin of Scammony in fine powder, ℥vii. Oyl of Cinnamon gut x. or xij. Gallia Moschata. gr. viij. juyce of ripe Barberries depurated, or the Conserve thereof ℥ii. Extract of Aloes the weight of the whole Composition; mix them well, digest with a little S. V. and keep it for use. It purges and expels all manner of Flegmatick, Cholerick and watery humors, cures the Scurvy, Dropsy, Jaundice and Gout, and is of force against all man-

ner of old and inveterate Headachs, Hypochondriack Melancholy and Quartans. Dose à gr. xx. ad ℥ss.

8 *Extractum Diacitri*, Hieronymi Rensneri, Extract of juyce Citrons.

℞ Juyce of Citrons, white Sugar A. ℥ss. boyl them in an earthen Vessel to the thickness of a Syrup; afterwards take of the best Scammony ℥ii. Mechoacan, Turbith, A. ℥j. Rhubarb, ℥ss. Galanga ℥ss. of all which, make an Extract with S. V. which mix with the afore. said Syrup; adding at last Oyls of Cinnamon gut. viij. of Cloves and Nutmegs, A. gut. vi.

Salmon.) It purges Watery and Cholerick humors in the Cachexia, Dropsy, yellow Jaundice, and Obstructions of the Liver and Spleen: It is also happily given in all sorts of Feavers. Dose ad ℥ii. or more in strong bodies.

9. *Extractum Cholagogum Andernaci*, The Universal Extract of Andernacus.

℞ Colocquintida ℥vj. white Turbith ℥vj. Agarick ℥iv. black Hellebor ℥iii. Sena, Costmary, A. ℥v. Diagridium ℥v. Rhubarb ℥vii. S. V. ℥jii. Cinnamon water ℥bj. the particulars being fitted, make a Tincture in 14 days: to which put the Tincture of the Species Diambræ, ℥j. drawn with S. V. digest, decant, and evaporate to the consistence of an Extract.

Salmon.) It is a general Medicine, purging strongly and universally all humors, as Choler, Flegm, Water and Melancholy, even from the remote parts of the Body. Yea in continual Feavers, and other acute Diseases,

les, with all persons 'tis scarcely secure. Dose à gr. x. ad ℥j. or ℥ss.

10. *Extractum Diapæonias Mindereri*, Extract of Peony Compound.

Take Roots and Seeds of Peony cleansed from filth and balls, ℥ss. Masterwort, Elecampane, Zedoary, A. ℥ii. white Dittany, Calamus Aromaticus, Citron peels dried, Dautus seeds, A. ℥ss. seeds of Parsly, Nutmegs, Roots of Doronicum, Castoreum A. ℥i. Species Diambæ incompleat ℥ii. dried leaves of Rue, Bawm, A. M. ss. Flowers of Lillies Convals P. ii. Viscus Quercini ℥ss. Elks hoof ℥ii. S. V. rectified a sufficient quantity (or as Zwelfer has it ℔j.) stop it close, and set it in digestion for a day or two, after distil in B. M. till all the Spirit is drawn off, cohobating again, then draw it off and reserve it: to the remaining Magma, put new S. V. digesting and decanting, which so often repeat till the Tincture is manifestly drawn out. These last Extractions, filterate with a gentle fire in B. M. abstract to a just consistency: to this Extract put the aforementioned Spirit, digest with a very gentle heat till the whole is dissolved (except a few faces) which separate; so have you at last a complete Cephalick and Hysterick Essence, which you may edulcorate with Syrup of Cinnamon, and aromatize with some proper distilled Oyl.

Salmon.) It is a most incomparable Cephalick and Hysterick, cures the Epilepsie, Convulsion, Palsy, Megrim, Vertigo, Headach, fits of the Mother, Whites, Cholick, expels Wind, eases pain, comforts the Heart, revives the Spirits, and is good against Ma-

lign and Pestilential Diseases. Dose à ℥j. ad ii.

11. *Extractum Melanagogum Quercerani*, An Extract purging Melancholy.

Take Sena ℥vj. Roots of black Hellebor prepared ℥ii. Turbith, of all the sorts of Myrobalans, A. ℥ss. Troches Albandal ℥vi. Violet Flowers, red Roses, Epithimum, A. P. ii. Species Lactifloans Galeni ℥ii. the juices of Fumitory and Pearmain, well prepared, and whey, of each a sufficient quantity, mix and make an Extract according to Art.

Salmon.) If you would have the Resinous part of the Turbith, you must do it with S. V. otherwise, it is true, you may do it according to the prescript. It purges Melancholy, salt and adust humors, cures psoæ, the Scab, Leprosy, Morpew, Tetters, Ringworms, Elephantiasis, Itch and other Vices of the skin. Dose à ℥j. ad ℥ss.

12. *Extractum Panchymaggon; ex Aug.* An Extract purging all humors.

℞ Species Picmbe ℥ss. extract a Tincture by Digesting 14 days in B. M. in S. V. ℔v. decant, and to the decanted liquor add Scammony ℥ss. Rhubarb, Seeds of Dandelwort, A. ℥iii. Colocynthis ℥v. Agarick ℥iiiss. white Turbith, Hemodactis, A. ℥iiss. black Hellebor ℥j. Sena ℥j. digest in a warm B. M. for ten days; after strain and express: in the expressed liquor dissolve of the best Aloes ℥ss. express again, then digest in a warm B. M. for 3 days, and evaporate to the consistency of an Extract.

Salmon.) In making of this you will do well to observe what

we said in making the *Extractum Diacarthami*, at Sect. 6. It purges all humors, and that from the very extream parts, cures the Dropsy, Scurvy, Jaundice, Vertigo, Megrim, Head-ach, Scabs, Itch, and other Chronick Distempers. Dose \bar{a} gr. xx. ad xxx.

13. *Extractum Phlegmagogum, Quercetani*, An Extract purging Flegm.

Take Agarick trochiscated \bar{z} iv : Hermodacts, Turbith, Sena, Pulp of Carthamus Seeds, A. \bar{z} iii. Roots of Efula prepared \bar{z} j. Troches Alhandal \bar{z} ss. Sal Gem, Mace, A \bar{z} iss. Species Aromaticum Rosatum \bar{z} ii. Cinnamon water, q.s. make an Extract according to Art.

Salmon.) This purges Flegm very safely and excellently; is good against the Dropsy, Jaundice, Kings Evil, Gout, Epilepsy, and all Diseases proceeding of Flegm: you may give from \bar{z} ss. to \bar{z} ii. The same which we have said in the holagoge Extract may be understood here.

14. *Extractum Castorei Zwelferi*, Extract of Castor.

Be fresh Castor freed from skins and fat \bar{z} iv. or more, put to it burning spirit of black Cherries, digest 24 hours, then abstract by distillation to dryness, the abstracted spirit reserve, to the Magma put S. V. (repeating it several times) and extract a Tincture, which filterate, and in a gentle B. M. in a glass body, abstract to the thickness of Honey: then take it out, and in a glass platter, let it dry, at last put to it the afore-reserved spirit, to which add the Saccharine Essence of Oranges \bar{z} ss. mix well, and keep it for use.

Salmon.) It prevails against all affects of the Brain, as the Apoplexy, Epilepsy and Lethargy: It expels the Small Pox and Measles, and is very powerful against the disaffections of the Womb, as Suffocation, Weakness and Pain. Dose ad \bar{z} ss. or more.

15. *Extractum Antisebrile Zwelferi*, An Extract aganst Feavers.

Be China Bark, or the Jesuites Bark \bar{z} ii. Calamus Aromaticus \bar{z} j. Roots of Gentian, Flowers of the lesser Centory, A. \bar{z} ii. with S. V. make an Extract.

Salmon.) It is a specifick against all sorts of Feavers, whether continual or intermitting, especially Tertians and Quartans, given either in the Fit, or an hour or two before it. Dose ab \bar{z} j. ad \bar{z} ss. or \bar{z} ii.

16. *Extractum Hydragogum*, An Extract purging Water.

Be Roots of Asarabacca, Dwarf-Elder, A. \bar{z} iii. of Calamus Aromaticus, of Elecampane, A. \bar{z} j. of Gallap Mechoacan, Swallow-wort, A. \bar{z} iv. Rhubarb \bar{z} iss. Leaves of Sea-Coleworts, Gratiola, Hart-wort, A. \bar{z} ii. Agrimony \bar{z} iss. Seeds of Parsly, Burdock, Cresses, Dwarf-Elder, Nettles, Treacle, Mustard, A. \bar{z} j. cut and bruise them, and by many affusions of S. V. extract the Tincture, put all these Extractions into a glass Alembick, abstracting the Spirit all to about \bar{z} ss. the Resin in the remaining Tincture carefully separate and gently dry, which beat into a small powder with a few sweet Almonds, or dissolve again in new rectified S. V. abstract the remaining Magma to a consistency. Be of the depurated juices of Bryony, of our Flower-de-luce, A. \bar{z} x. juices of wood.

Wood-bine and Herb Mercury, A. ℥viii. mix them with the former Extract, and digest in a double Vessel, over a gentle fire; then lastly, add the aforementioned Rosin, either in powder or dissolved in S.V. Rosin of Scamony powdered with sweet Almonds ℥ii. Extract of Cambogia, ℥is.

Salmon.) It powerfully, yet sweetly purges all watery humors, expels Flegm out of the Bowels, cures all sorts of Dropsies, and the Jaundice, opens Obstructions, cures the Green-sickness, Rickets and Cachexia, and provokes Urine and the Terms. Dose \dot{a} ℥is. \dot{a} ℥j. alone or in any convenient Vehicle.

17. *Extractum Magistrale minus, the lesser Magistral Extract.*

℞ Rhubarb ℥ij. Fallap ℥ij. Hermodacts, black Hellebor roots, white Turbith, A. ℥ij. Sena leaves ℥ij. seeds of Dwarf-Elder ℥is. cut and bruise them, and by many affusions of S.V. (till the whole cathartick virtue is drawn forth) compleat a Tincture, which filter into a glass Gourd, or Bolt-head, and abstract in B.M. till there remains about ℔j. and make an Extract as we taught in the former.

Salmon.) It is an Universal Purger, forcing out all Excrementitious Humors: It may be used in all cases where there is need of a Purger; for it works safely and pleasantly, expelling flegm and choller, but chiefly Melancholy. Dose \dot{a} gr. xx. \dot{a} ℥j.

18. *Extractum Magistrale majus Zwelferi, The greater Magistral Extract.*

Take Rhubarb ℥j. Agarick ℥ij.

Fallap ℥ij. Turbith ℥ij. Coloquintida ℥is. black Hellebor ℥ij. Sena ℥iv. seeds of Dane-wort, choice Scammony, A. ℥i. with S.V. make an Extract, as we have before taught, to which add Extract of Aloes ℥vj.

Salmon.) This Extract because of its bitterness ought to be given in the form of Pills. It universally purges all sorts of humors, wheresoever distributed in any part of the body: It is a good Medicine against the Kings-Evil, the Scurvy, Gour, Dropsy, Jaundice and French-Pox. Dose \dot{a} gr. x. \dot{a} xx. or more.

19. *Extractum Magistrale Lenitivum Zwelferi, The Lenitive Magistral Extract.*

℞ Rhabarbari ℥ij. Rhapontici ℥ij. Myrobalans yellow and Chebs, A. ℥vj. red Roses, red Sanders, A. ℥is. roots of Sorrel and wild Cichory, A. ℥vi. fresh Orange Peels ℥j. with S.V. often affused, make an Extract.

Salmon.) It is an excellent Laxative, good against most affects of the Liver, Spleen, Mesentery and Womb: It opens obstructions, cleanses, and stops the Whites. Dose \dot{a} ℥j. \dot{a} ℥is.

20. *Extractum Antepilepticum Zwelferi, An Extract against the Falling-sickness.*

℞ Peony roots, roots of Doronicum, A. ℥ij. Zedoary ℥i. Wood of Mistletoe of the Oak ℥is. Lignum Aloes, Lignum Rhodium, yellow Sanders, A. ℥i. Saffron ℥is. flowers of Cowslips, Peony, Tile-tree, A. ℥vj. seeds of Peony ℥j. seeds of the greater Burdock ℥is. of Citrons, ℥vi. white Amber ℥j. Orange peels,

M m 3 rasings

rapping of Elks hoofs. A. ℥ss. of Mans skull ℥j. cut and bruise them grossly, upon which put S.V. rectified ℔ss. that they may be a little moistned: digest for two or three days, then by B.M. distil about ℥iij. of the fragrant spirit which reserve: to the Magma put more S.V. rectified, and extract a Tincture by many affusions; which strain, and abstract in B.M. till the remainder is about the quantity of ℔j of which and the afore reserved spirit make an Extract, as we have taught at Sect. 16. adding Oyl of Nutmegs by expression ℥ss. distilled Oyls of Cinnamon, Lignum Rhod. A. ℥j. Oyls of Lavender, Coriander and Amber, A. ℥ss. first mix with white sugar, Magisteries of Mother of Pearl, and stones of Carps head prepared with spirit of Venus.

Salmon.) It is a powerful Remedy against affects of the Brain, as the Apoplexy, Epilepsy, Verrigo, and Megrim: In Convulsions, Palsies, and the like; in all Hysterick affects. as Suffocation of the Womb, and other complex Diseases thereof. Dose à ℥j. ad ℥ss. If you mix it with equal parts of Extract of Castoreum, it will be more powerful.

21. *Extractum Antipestilentiale Zwelleri*, An Extract against the Plague.

Re Roots of Zedoary, Contrayerva, A. ℥ij. Angelica, Masterwort, Devils-bit, A. ℥ijss. leaves of Scordium ℥iij. Rue ℥ij. Juniper-berries ℥ijss. Orange-peels ℥j. Citron-peels ℥ij. (the whites cut off) Saffron ℥vi. seeds of Citrons ℥j of Brooklime, of Newew, A. ℥vi. Red Myrrh ℥ij. white Amber ℥ijss. S.V. rectified ℥viij. digest a day or two, then draw

off in B.M. about ℥iij or iv. making an extract with fresh S.V. of the Magma, (as is before taught) to which extract add the aforesaid ℥iij. or iv. of spirit together with the distilled Oyls of Rue and Juniper-berries, A. ℥ss. of Cinnamon, of Citron peels, A. ℥j. of Nutmegs by expression ℥j. being first mixed with fine sugar ℥ij.

Salmon.) It is very powerful against the Plague, malign Feavers, and all Pestilential Diseases, expelling the Venom and Poyson by Sweat, and defending the Heart against all manner of infection. It is an Antidote against Poyson, takes away Vapours, expels Wind, strengthens the Heart, and revives the Spirits. Dose ℥ss.

22. *Extractum Bezoardicum Quercetani*, The Bezoardick extract.

Take Roots of Angelica, Zedoary, Galangal, Tormontil, Citron peels, Xyloloes, Sanders red and yellow, A. ℥j. Grains of Kermes, Dictany, Spicknard, Cloves, Nutmegs, Mace, Cinnamon, Beben white and red, A. ℥ss. Camphir ℥j. make an extract with Aqua Vite of Juniper.

Salmon.) The intention of this is for the Composition of Quercetans Laudanum, having all the Virtues of the former. Dose à ℥j ad ℥ij.

23. *Extractum Opij Anodynum*, The Anodyn Extract.

Take Thebian Opium ℥j. dissolve in a gentle heat in Cinnamon-water distilled with wine ℔ss. decant the clear, filter it through paper, and with Salt of Tartar ℥j. (cast in by degrees) make a precipitation: being settled two days and digested filter again, to which add

Sal-

Sal Armoniac sublimed with *Steel* Zij . Extract of *Saffron* ℥ss . Essence of *Orange* and *Citron* peels, ℥ss . mix and in a glass body digest in a gentle heat for three days, then filter again and keep it for use. Pharm. Seg. Clal. 7. pag. 563.

Salmon.) I have often made this Medicament, and I find by experience. 1. That less than ℥iss . of *Opium* to ℔j of the dissolvent will be too little, so that to ℔iss . of *Cinnamon* water you must put of *Opium* ℥ij Zij . 2. That the Salt of *Tartar* ought to be dissolved into *Oyl* and then assued, &c. This Essence is an excellent *Anodyne* and *Antifebrile*, being one of the greatest secrets of that kind; it is a most excellent thing against *Terrian* & *Quartan* Fevers given two hours or more before the Fit, 3 or 4 times together; and it is so certain in the cure of them, that it has never been known to fail. It cures the *Tooth-ach*, and all other pains whatsoever to a wonder: It is *Sudorifick* and expels all *Pestilential* and *Malign* Diseases by *Sweat*. It cures *Epilepsies* whether in old or young. *Convulsions*, *Cramps*, and *Palsies*; as also *Pleurisies*, and all *Pains* and *Stitches* of the *Sides*. It cures the *Cholick*, *Dysentery*, flux of the *Whites* & fits of the *Mother*, though never so extreme: in violent pains of the *Stone* and *Gout* there is scarcely its equal. Dose ad ℥i . ad ii or iii. in any convenient Vehicle.

24 *Extractum Satyrii Compositum*, Extract of *Satyrion* Compound.

Be of the simple Extract of *Satyrion* lb. ss . Salt of *Pearl* ℥ss . *Oyl* of

Nutmegs distilled, *Oyls* of *Aniseeds* and *Cinnamon*, ℥ss . mix them.

Salmon.) It cures *Impotency* in the Act of *Generation*; and takes away *Barrenness* whether in Men or Women. Dose a gut. xx. ad xxx.

25. *Extractum Chalybeatum*, The *Steeled* Extract.

Take *Steel* prepared ℥iij . Roots of *Orris* ℥i . *Wild Bugloss*, *Sw-bread*, *Eryngus*, *Briony*, *Ginger*, ℥ss . leaves of *Cetrach*, *Harris-tongue*, *Betony*, *Rue*, *Germander*, *Ground-pine*, *Agrimony*, *Calamint*, ℥ss . *Indian Spicknard*, *Saffron*, *Sweet Castus*, seeds of *Saxifrage* and *Fennel*, *Savin*, ℥ss . *Mistletoe* of the *Oak*, *Cinnamon*, seeds of *Ameos*, *Cardamoms*, *Cummin* steep in *Wine*, *Coriander*, *Agnus Castus*, *Melanthium*, *Parsly*, *Purslane*, *Siler Monard*, ℥ss . *Galangal*, *Cloves*, *Mace*; *Wood of Aloes*, *Zedoary*, *Doronicum*, *Gentian*, ℥ss . cut and bruise them grossly and with *S.V.* make an Extract according to Art.

Salmon.) It opens *Obstructions* of the *Womb*, *Spleen*, and *Mesentery*, provokes the *Terms*, represses *Melancholy*, and cures the *Green-sickness* in *Virgins*. Dose ad ℥i .

26. *Extractum de Pulmone Vulpis*, Extract of *Fox Lungs*.

Take of *Fox Lungs*, slice them; *Pauls Betony*, *Hyssop*, *Scabious*, ℥ss . *Anise* and *Fennel* seeds, ℥ss . boyl them in a large glass in *B.M.* half a day, or till they turn to water; strain, evaporate, and add sugar till it comes to the consistency of an Extract.

Salmon.) After the same manner you may make Extracts of
M m 4. the

the livers and spleen of Animals, though the general way is best, This Extract is a very good Peccoral, prevalent against Weakness and Diseases of the Lungs, as Coughs, Colds, Asthma's, shortness of breath, spitting of blood, &c. Dose à ʒi. and ij. or more.

27. *Extractum Pestilentiale Schroderi*, Schroders Pestilential Extract.

Take Roots of Angelica, Masterwort, Zedoary, Swallowwort, A. ʒss. Tormentil, Gentian, Butter-bur, Endive, Burnet, A. ʒj. seeds of Lovage ʒij. of Angelica; Bawm, A. ʒij. Citronseeds ʒj. Juniper-berries Mij. Pauls Betony, Bawm, Mugwort, Scordium, Goats-Rue, Scabious, Carduus, A. Mjss. flowers of Hypericon M.j. with S.V. make an Extract and inspissate it.

Salmon.) It has all the Virtues of the former Pestilential Extract at Sect. 21. Dose à ʒj. ad ʒij.

28. *Extractum Hystericum Schroderi*, An Extract for the Womb.

Take Juices of Savin, of the lesser Centory, of Motherwort, of Mugwort of Bawm, of Marigold-flowers, A. ʒss. Roots of Angelica, round Birthwort, Fern, A. ʒss. make an Extract with water of Bawm and Savin tartarized of the roots; to which add the juices, being first depurated: then in sp. state: Take of this Extract ʒij. Extract of Myrrh ʒj. of Saffron and Castor A. ʒss. Borax, Facula of Bryony, A. ʒij. mix them and keep the mass for use.

Salmon.) It provokes the Terms cures the Cachexia Greensickness, Fits of the Mother. and all other Diseases of the Womb. Dose à gr. xv. ad ʒss.

29. *Extractum Pestilentiale à Tychobrah*, Tychobrah his Pestilential Extract.

Take Venice Treacle ʒij. with S.V. rectified, a hands breadth above it, and in a close Vessel Extract its Tincture, which perfect by manifold affusions, then abstract with a gentle fire in B.M. till it is like Honey; sublime Sulphur thrice per se, then from Aloes, Myrrh, and Saffron very gently, of which take ʒij. Oyl of Juniper-berries rectified, as much as will over-top it the breadth of four fingers; Oyl of Amber rectified, a quarter as much as of Juniper: digest the Flowers and Oyls, till the Oyls are red as blood: Lastly, to twelve parts of the former Extract of Treacle add one part of this Balsam of Sulphur, and of the Extract of Angelica, Magistery of white Amber, Salt of wormwood, the former abstracted spirit of Treacle, A. ʒ ½. mix, digest ten days, and keep it for use.

Salmon.) The Virtues of this Extract may be exalted by the Tinctures of Hyacinth, Saphirs, Emeralds, Corals, Pearls, &c. and be made Universal, if acuated with the Flowers, of the Regulus of Antimony, made red by a long reverberation at sect. 24. cap. 8. lib. 3. It is a wonderful remedy against the Plague, malign Feavers, and all Pestilential Distempers, taken either as a preservative or a Cure, preventing or expelling the venoms by Sweat. Dose à gr. viij. ad xij. or xv. in any proper Vehicle.

30. *Extractum Matricale Schroderi*, The Extract against Fits.

Take Extract of an Ox spleen, Pennyroyal, Saffron prepared with S.V. A. ʒj. Myrrh dissolved in

water of Wall-Rue and Spirit of Virriol Zij. Extract of Orange and Citron Peels, A. Zijj. Facula of Bryony Zss. Camphir sublimed with S.V. after digestion and extraction in Ashes Dj. mix them.

Salmon.) It hath all the Virtues of the Hysterick Extract at Sect. 28. It cures fits of the Mother to a wonder. Dose gr iv. or vj. in some Hysterick water.

31. *Extractum Catholicum Sennerti*, The Universal Extract of Sennertus.

Be *Diagredium*, Troches, Alhandal, Gum of Peru A. Zss. Aloes Zss. make an Extract with S.V. Then Take Turbith, roots of black Hellebor, A. Zss. Rhubarb Zij. Diarrhodon Zss. *Aromaticum Rosatum* Zij. with S.V. make another Extract: Lastly mix these two Extracts into a Mass, and keep it for use.

Salmon.) You had better make the Extract thus: Take roots of black Hellebor, Rhubarb, Diarrhodon, *Aromaticum Rosatum*, and with S.V. make an Extract, to which add the Rosins of Scamony and Turbith, the Gum of Peru, Extract of Aloes and Troches of Alhandal, so mixing them well for use. It is one of the most general Purges in the World, evacuates all Humors, cures Dropsies, Jaundice, Gout, Struma's, Green-sickness, Obstructions of the Terms, and almost all other Chronick Diseases, and such as proceed from great Obstructions. Dose ʒj. ad ʒij.

32. *Extractum Benedictum*, The blessed Extract,

Take Sena, Rhubarb, A. Zij. Agrick Zij. make an Extract.

Salmon.) It purges choler and

flegm, cures the Jaundice and Kings Evil, and opens Obstructions of the Stomach and Bowels. It is a very safe Purge. Dose ad ʒj.

33. *Extractum Catholicum Arnoldi Weckardi*, Weckard his Catholick Extract.

Take Fine Aloes, Ibs. Rhubarb ʒv. Sena ʒiv. Mechaacan Zij. Coliquintida Zij. Turbith Zijss. Esula prepared Zss. of the five Myrobalsans, A. Zij. Cinnamon, Ginger, Mace, Galangal, Zedoary, Cloves, Cardamoms, Citron peels, Schœnanth, A. Zij. Diambre Zij. Diarrhodon Zijj. make an Extract with S.V. and Fennel-water, strain and inspissate.

Salmon.) It has partly the Virtues of that of Sennertus, at Sect. 31. yet not altogether so powerful; yet this is more proper against Dropsies, moist Humors, and watery Discales. Dose ʒj ʒss ad ʒj in strong Bodies: It cools very prettily in hot Discales, and cleanses the Bowels.

34. *Extractum Panchymagogum Hartmanni*, Hartmans Panchymagogue Extract.

Be Sena Zij. Rhubarb Zss. roots of black Hellebor Zij. Turbith, Poly-pody, Troches of Alhandal, Agarick, A. Zij. Carthamus seeds husked, Myrrh, A. Zijj. *Species Diambre*, Cloves A. Zij. Citron Peels Zij. cut and bruise them, and with S.V. and Cinnamon water, A. Ibs. digest, Extract a Tincture, decant and strain Cinnamon water, then strain, and add to the Extract, Extract of Aloes with Betony water Zijj. mix them well, and inspissate, adding to the Extract, of the Oyls of Cinnamon, Cloves, and Nutmegs, A. ʒj. Sal-

Salmon.) It is an universal Purge, and evacuates all humors gently; having all the Virtues of *Sennereus* his Catholick Extract at *sect. 31. Dose à ʒi. ad ij.*

35. *Extractum Cordiale Horstij*, A Cordial Extract.

℞ *Scordium*, *Tormentil*, *Bawm*, *Scorzonera*, *A. Miiij.* whole *Citrons* sliced, *Nº vj.* beat all well together in a Mortar, to which add *Cinnamon ʒi.* *Saffron ʒss.* *Gallia Moschata*, *Electuarium de Gemmis*, *A. ʒij.* *Camphir ʒj.* abstract the humidity by distillation in *BM* then put in upon the dried feces to extract the Tincture, of which make an extract.

Salmon.) It very much comforts and revives the Heart, and helps Fainting and Swooning Fits.

36. *Extractum Stomachicum majus Horstij*, The greater Stomack Extract.

Take *Calamus Aromaticus* or *Galangal*, roots of *Cyperus*, *Xyloaloes*, *A. ʒiiij.* Barks of *Oranges*, *Quinces* dried, *A. ʒj.* *Cinnamon*, *Mace*, *Nutmegs*, *A. ʒij.* *Mint* dried, *Wood-sorrel* dried, *A. M j.* seed of *Anise*, *Fennel*, *Privet*, *Myrtle-berries*, *A. ʒj.* of all the *Myrobalans*, *A. ʒss.* red *Roses P. iij.* cut and bruised, then add juyce of *sorr* *Pomgranates ʒbiss.* *Cinnamon water ʒbiss.* *Mint* and *Wormwood water*, *A. ʒbiss.* digest and make an Extract according to Art.

Salmon.) It comforts and strengthens the Stomach, resists Vomiting, takes away nausea, opens digestion and a good Appetite. Dose ad ʒj. in the morning.

37. *Extractum Stomachicum minus Horstij*, The lesser Stomack Extract.

Take green *Mint*, *Cappadocian Oak-leaves* (or instead thereof *Wood-sorrel*) *A. M. v.* *Quinces* pared *Nº iv.* beat all together in a Mortar to a Pulp to which add *Mace*, *Nutmegs*, *A. ʒiss.* the species *Aromaticum Rosatum ʒi.* put all into a glass Alembick, and in a very gentle *B.M.* distil to dryness; with the distilled water make an extract as in the former.

Salmon.) It has all the Virtues of the former, being very comfortable to the Stomach.

38. *Extractum Spleneticum majus Horstij*, The greater Extract for the Spleen.

℞ *Serpentary roots* the greater, roots of *Fern*, *Valerian*, and *ʒij.* Barks of the *Ash*, of *Tamarisk*, *Caper-bark*, *A. ʒiiij.* leaves of *Spleen-wort Mij.* seeds of *Carduus Bën.* *Cummin*, *Costus*, *A. ʒj.* *Pepper*, *Cubebs*, *A. ʒvi.* flowers of *Broom*, of *Hypericon*, *Bugloss*, *A. P. ii.* rasings of *Ivory*, *Cinnamon*, *A. ʒss.* filings of *Steel* (calcined with *Sulphur*) *ʒx.* put all into a glass *Matrass*, putting to them *Vinegar of Squills ʒbiss.* *Vinegar of Bugloss* and of *Elder*, *A. ʒbiss.* water of *Dwarf Elder-flowers*, and of *Harts-horn*, *A. q.s.* macerate the ingredients in *B.M.* for 15 days, decant the Tincture, and make an Extract.

Salmon.) It opens Obstructions of the Spleen, cures Melancholy, pains of the Sides, the Chollick, and Wind in the Bowels: Dose à ʒj. ad ʒiv.

39. *Extractum spleneticum minus*, The

The lesser Extract for the Spleen.

R leaves of Harts-tongue, Fumitory, Burner, the summites or Buds of the Asb-tree, A. M. iv. fresh Broom-flowers, P. vj. beat all in a Marble Mortar: then add species Lætificans Galeni, of all the Myrr. balans, Ginger, A. ℥ss. juyce of Pearmaines lbj. distil off the humidity in B. M. with which from the faces make an Extract, as is before taught.

Salmon.) It has all the Vertues of the former, but not altogether so powerful.

40. *Extractum Nephriticum majus*, The greater Nephritick Extract.

R roots of Burdock, of Restharrow, of Ering, A. ℥iii. Rapturewort dried M. ij. seeds of Onions, of Nettles, of Radishes, of Saxifrage, of Fennel, of Anise, of Parsly, A. ℥ii. leaves of Persicary M. ij. Juniper-berries, Gromwell, Kernels of Medlars, A. ℥ss. Crabs-eyes, calx of Egg-shells, A. ℥i. juyce of Limons lbjss. distilled waters of Radishes, of Persicary, of Winter Cherries, A. q. s. digest all together, and make an Extract.

Salmon.) It provokes Urine and the Terms, opens Obstructions, breaks and dissolves the Stone in both Reins and Bladder, and eases pains of the Chollick. Dose ad ℥i.

41. *Extractum Nephriticum minus*, The lesser Nephritick Extract.

R leaves of Persicary, wild Tansy, Saxifrage, A. M. iij. Winter-Cherries full ripe lbij. ripe Juniper-berries lbj. Limons cut N° iii. bruise and beat all well together, then put to them Rhenish Wine lbj.

distil all in a very gentle B. M. to dryness, and with the water Extract a Tincture from the faces: to three parts of which add p. j. of the Anodyne Extract of Opium (at sect. 22.) mix and abstract to the consistency of an Extract.

Salmon.) It has all the Vertues of the former, but much more powerful. Dose a ℥i. ad ℥i.

42. *Extractum Hystericum Horstij*, The Hysterical Extract of Horstius.

R roots of Briony ℥iij. of Asarabacca ℥ss. leaves of Motherwort, Mugwort, and Nep, A. M. iij. Juniper-berries, seeds of Bishops-weed, Rue, Carraways, Dill, Hart-wort, A. ℥ij. Nutmegs, Cardamoms, A. ℥ss. Amber ℥j. Castor ℥vi. bruise and mix them, then, add Hydromel made with Wine lbj. Waters of Motherwort and Rue, A. q. s. digest, draw out the Tincture, and make an Extract S. A.

Salmon.) The Title shews the intention, for which it is an excellent thing; but it would be of greater force if there was added to the Composition, roots of Master-wort, black Pepper, A. ℥j. It provokes the Terms, powerfully cures fits of the Mother, breaks and expels the Stone. Dose a ℥i. ad ℥ij.

43. *Extractum Aureum Hadriani*, The Golden Extract of Adrian.

R Venice Treacle, Mithridate, Confect of Alkermes, A. ℥j. roots of the wholesom helmet Flower, of Elecampane, of Angelica, A. ℥ss. Scordium, Saffron, Hops, A. ℥iij. Haresborn, Elksboefs calcin'd, Bole prepared with juyce of Citrons, sealed Earth, Oriental Bezoar, A. ℥ij.

℞ii. make an Extract with spirit of Vinegar: to which add Bezoaricum Foviale, Salts of Hyacinths, of Wormwood, Carduus Ben: Conterory, A. ℥ss. Magisteries of Pearls, Corals, Crabs-Eyes, Bones of Stags Hearts, Bones of Serpents, Unicorn's Horn, A. ℥j. Extract of the Wood of Aloes ℥ss. distilled Oyls of Amber, Camphir, Zedoary, Roses, Cloves, Cinnamon, Citrons, Angelica, Rue, A. ℥ss. mix them for use.

Salmon.) This is called a Golden Extract, from the excellency of its Virtues; it cures the Plague and all Epidemick Distempers, Epilepsies, Apoplexies, Megrims, Vertigoes, Convulsions, Palsies, Head Ach, Cholicks, Disenteries, Feavers, Melancholy, &c. Dose ℥j.

44. *Extractum Panchymagogum Myrsichis, Myrsichis Panchym. Extract.*

℞ Sena ℥viij. Coloquintida, Turbith, black Hellebor, A. ℥iv. Mechoacan, Hermodactyls, Elaterium, Jallap, ℥iij. Aloes, Rhubarb, Dwarf Elder berries, A. ℥ii. make an Extract of them with S.V. to which add scamony, Tartar Viriolate, A. ℥i. Chymical Oyls of Cloves, Cinnamon, Fennel, Mastic, Camomil, Orange-peels, Mace, A. ℥i.

Salmon.) It is an Universal Cathartick, for all Ages, Sexes, and Constitutions; for it sweetly and pleasantly purges all humors, and that without any nauseousness. Dose à ℥i. ad ℥j. It cures the Scurvy, Dropsy, Jaundice, Gout, and is profitable against the French Pox.

45. *Extractum Polycrestum Myrsichis, Extract of many Virtues.*

℞ Aloes Rosate, Sena, A. ℥iv. Hermodactyls, Turbith, Jallap, A. ℥iiij. black Hellebor, Mechoacan, Troches Albandal, A. ℥ii. Gum of Peru, Myrrh, Mastic, Ammoniacum, Sagapenum, Opopanax, Sarcocol, A. ℥ss. Agarick Trochiscated, Dwarf-Elder berries dried, Rhubarb, A. ℥j. yellow and Indian Myrobalans, Polypody of the Oak, Epithimum, seeds of Cummin, flowers of Arabian Stachas, A. ℥ss. Castor, Indian Spicknard, cloves, A. ℥ii. with S.V. make an Extract according to Art.

Salmon.) It receives its name from its Virtues. It is good against the Cachexia, Dropsy, Asthma, Melancholy, Lues, Pains and Obstructions of the Liver and Spleen, the Leprosy, Gout in the Feet, or other Joynts, Sciatica, Obstructions of the Terms, Feavers, Cholick, Pleurisy, &c. In which Disease it is a kind of divine Remedy. Dose à ℥ss. ad j. You may quicken it with Scamony Rosate, if you so please.

46. *Extractum specificum Hydropicum, A Specifick Extract against the Dropsy.*

Take the inspissate juyce of our Flower-de-luce, Elaterium, A. ℥viii. with Tincture of Diarrhodon Abbatii made with S.V. make an Extract: with which mix of Extractum Panchymagogus of Myrsicht (at Sect. 44.) ℥ii. Magistery of Gutta Gamba, Scamony rosate, A. ℥i. Tartar Viriolate, Hyacinth prepared, A. ℥ss. Mercurius Viri A. ℥vi. (corrected with rectified spirit of Viriol ℥ii.) Oyls of Cinnamon, Cloves, Mace, Camomil, Oranges, Mint,

daint, A. Zls. being well mixed, keep it close for use.

Salmon.) It is a specifick against the Dropsy, and all ferous and watery humors; expelling all kind of superfluous humidity: It causes tumors to discuss, and is good against all salt and adust humors: it is prevalent against the Leprosy, Elephantiasis, Scabs, Cancers, Tetters, Ring-worms, malign Ulcers and Fistula's. Dose à ℥j. ad ii.

47. *Extractum Emeticum Mynsichti*, The Vomiting Extract.

Take *Diarrhodon Abbatis* Zls: fresh roots of *Asarabacca*, of *Bryony*, of *Sow-bread*, A. ℥j: bark of the roots of black Alder-tree, *Roubarb*, *juice of Liquorice*, *Maslich*, ana Zls: from these with S. V. extract a Tincture: Take Roots of the lesser *Spurge* prepared, white *Hellebor* prepared, A. ℥viii: being cut and bruised, digest in the aforesaid Tincture for 14 days, after decant, and evaporate the spirit to the consistency of an Extract, to which add salt of white Vitriol, *Gambogia*, *Tartar Vitriolate*, A. ℥ii. Oyls of Cloves, *Cinnamon* and *Nutmegs*, A. ℥j. mix them!

Salmon.) It operates variously, both by Vomit and Stool, curing all sorts of Feavers, Head-ach, Gout of the Feet, Knees, Hips and Hands, Yellow Jaundice, Dropsy, Obstructions of Liver and Spleen, want of Appetite, and weakness of the Stomach, taking away all evil humors radically. Dose à ℥j. ad ℥ss.

48. *Extractum specificum Colicum Mynsichti*, A Specifick Extract against the Cholick.

Take the yellow part of Orange peels, ℥vi: Species *Diacynini*,

Grains of *Juniper*, A. ℥iiij. Roots of *Elecampane*, *Burnet*, *Avens*, *Zedoary*, A. Zls: seeds of *Chervil*, *Bay-berries* bull'd, *Mother of Time*, *Marjoram*, *Juyce of Liquorice*, ana ℥j: mix, extract a Tincture, which abstract in B. M. to the consistency of Honey: to which add Niter vitriolated ℥iiij: *Harts-horn* and the *Ankle-bone* of a Hare and a Pork (spagirically calcined) ana ℥ii: white Amber levigated, *Magistery of Coral* and *Carp-stones*, ana Zls: *Bezoar mineral*, & or in place thereof *Sudorificum minerale*, at Sect. 64. Cap. 8. Lib. 3.) *Bezoar of Tin*, *Oriental Bezoar*, *Lac Sulphuris*, ana ℥j. rectified spirit of Salt Zls: Oyls of *Angelica*, *Cloves*, *Cinnamon*, *Citrons*, *Mace*, *Maslich*, white Amber *Carminative* (at Sect. 45. Cap. 3. of this Book) ana Zls: mix, and make an Extract.

Salmon.) It is a Specifick against the Cholick, and Illiack Passion, proceeding from Cold Humidity and Wind: it gently moves the Belly, yet gives present ease in the most vehement pains thereof. It helps *Hypochondriack Melancholy*, illness of the Stomach, weakness of the Bowels, and other Diseases of the Intestines. Dose à ℥j. ad ℥ss.

49. *Laudanum Opiatum*, *Laudanum* with Opium.

Take *Thebian Opium* ℥ii. Insipitate *juice of Henbane*, gathered in August, *Saffron* A. ℥i. by many affusions of S. V. extract the Tincture and make an Extract, to which add the red narcotick Sulphur of Vitriol ℥j. levigated powder of white Amber, wood of Aloes ℥vi.

Ma-

Magistery of Pearl, Mother of Pearl, red Coral, ana ℥iij. Oyl of Nutmegs by expression ℥ss. Essence of Citrons, Oyls of Cinnamon and Rhodium, ana ℥j. to the half hereof add of choice Musk and Ambergriſe ana gr. x. mix, and keep it for uſe; the other half keep without the perſumes.

Salmon.) It is a ſtupendious Remedy in eaſing all manner of pain in any part of the Body, ſtops Deſluxions, eaſes Coughs,

cures the Cholick, Flux of the Bowels, the Whites in Women, and has all the Virtues of the Laudanum in lib. 1. cap. 8. ſect. 50. §. 6. If to the Compoſition there be added the Extracts of Radix Serpentaria, and contrayerva, A. ℥iij. Ens veneris ℥iſs. the Compoſition will be never the worſe.

To theſe Extracts you may add ſeveral other Extracts, which you may ſee in our Doron Medicum, lib. 2. cap. 8.

CHAP. IX.

OF MAGISTERIES.

1. **M**agisterium, ſeu Sulphur Vitrioli Anodynum, The Anodyne Magiſtery, or Sulphur of Vitriol.

Take Vitriol of Mars, or the beſt Hungarian Vitriol lbj. diſſolve it in a ſufficient quantity of Spring-water, which filter: then take ſilings of pure Iron or Steel, and often moiſten or ſprinkle them with the aforeſaid Vitriol water, as often drying them with a very gentle heat, repeating this ſo long, till the ſilings are reduced to a rubicund Maſs, which beat into a ſubtil powder, upon which aſſuſe Spirit of Vinegar, ſo much as may overtop it the breadth of 5 fingers, in a great

and large glaſs. Diſteſt with a ſufficient intenze heat, till the Vinegar is tinged, which, whiſt warm, decant; and aſſuſe more freſh Spirit, which repeat ſo often till the new aſſuſed Vinegar will be no more tinged red: Mix theſe ſolutions or Tinctures together, and with Oleum Tartari per deliquium precipitate the yellow Sulphur of Vitriol, from which decant the ſupernating liquor, and edulcorate with many aſſuſions of fair water warmed, till there be found no taſte either of Vinegar or Vitriol to remain; which then dry, put it into a bolt-head, ſeal it up hermetically, and in ſand, calcine it to redneſs, which

which will be done in a short time : so have you the Anodine Sulphur of Vitriol.

Salmon.) If you would have the Sulphur inflamable, you must instead of common Vitriol, take the Vitriol of Mars prepared according to Art, and use it as aforesaid upon the filings of Steel, not precipitating with Oleum Tartari, but evaporating in B. M. So also the Sulphur may be made inflamable with Spirit of Vitriol, viz. by help of the dark and tartid matter remaining, being sublimated either by it self or with Salt; From this Magistery or Sulphur with S. V. and Salt of Tartar, or with the Spirit of Venus, is prepared a noble Medicament and Essence, of so great Virtues that they exceed the Sphear of my Commendations: performing all and more than any preparation of Opium can do and with far greater safety. Its a perfect cure for the Falling-sickness, Vertigo and Madness, Hypochondriack Melancholy, Gout and other chronical and radicated Diseases. Dose à gr. vj. ad x. or xii.

2. Magisterium Granorum Kermes, Magistery of the Grains of Kermes.

Re of the Grains or berries of Kermes ζ ij: boyl them whole in a sufficient quantity of Spring-water, which repeat severall times; drop in to these decoctions some drops of Oyl of Tartar per deliquium, till the water is wholly imbued of a red colour: strain it and by degrees drop in Allum water (i. e. Spring-water in which Allum is dissolved) so will the whole substance of the Grains be precipitated to a glorions

red, especially if often and alternately you drop in the Oyl of Tartar and Alum water: Lastly, decant the humidity, and edulcorate with fair water, till there be no footsteps of the Tartar or Alum left.

Salmon.) This is used instead of the juyce, or when the juyce cannot be got, having all the Virtues thereof, which you may see at large lib. i. cap. 9. sect. 7. aforesgoing.

3. Magisterium Aluminis, Magistery of Alum.

Re pure Alum as much as you will, put to it so much water as will dissolve it, filter, and in a glass Retort in sand distill to dryness, which so often cohobate till all the Alum ascends (except a few feces) lastly, in a glass Alembick in B. M. with a very gentle heat, abstract the humidity.

Salmon.) It is a famous Syptick, stops the immoderate Flux of the Hæmorrhoids, and the bleeding at nose, and of Wounds, not being inferiour to the Essentia ferri, or any other thing whatsoever.

4. Magisterium seu fecula Radicis Aronis; Fæcula of Aron-Root.

Take Aron Root, cut and bruise them, and with a press expresse the juyce strongly: set it in a cold place that it may stand to settle: so will a white powder like starch precipitate to the bottom, from which pour the water, and the precipitate dry in the shade for use.

Salmon.) It opens Obstructions of the Bowels, and dissolves hard and Tartarous humors: you may in composition with other things give à gr. vi. ad xii. It provokes the Terms strongly, if given (after

ter due purging, 3 or 4 times before their due time of flowing.

5. *Magisterium*, seu *Fæcula Bryonia*, *Præcipitate* or *settlings* of *Bryony*.

It is made of the Roots of Bryony, as the former.

Salmon.) It purges watery humors, expels *Flegm*, cures the *Dropley* and *Jaundice*, provokes the *Terms* strongly, and forces away the *Birth*, dead or alive. Dose à gr. vi. ad xv.

6. *Magisterium*, seu *Gersa* seu *cerussa Serpentaria*, *Fat* of *Dragons*.

It is made of the Roots; as is that of Aron.

Salmon.) It is hotter and stronger than that of *Aron*, and therefore ought to be given in a less proportion; what the *Virtues* are you may see *lib. 1. cap. 1. sect. 58.* for they are the same with those of the *Root*, only thus prepared, it is more mild.

7. *Magisterium* seu *Fæcula Iridis*, *Meal* of *Orrice* or *flower-de-luce*.

It is prepared from the Roots, as is that of Aron, at sect. 4.

Salmon.) It is good against *Coughs*, *Asthma's*, *stinking Breaths*, *Terms* stopt, expels *Wind* and *Water*, cures *Droopies*, *Cramps*, *Convulsions*, *Obstructions* of the *Liver* and *Spleen*: *Outwardly*, it cures *Itch*, *Scabs*, *Kings Evil* sores, and is *Cosmetick*. Give it in *Rhenish Wine* ad ʒss. or more: you may mix it with some purging *Extract*.

8. *Magisterium*, seu *Fæcula Raphani*, *Flower* of *Radishes*.

It is made according to the general Rule aforesaid.

Salmon.) It is a great *Pectoral*, *Splenetic* and *Nephritic*: It cures *Coughs*, *Asthma's* and *Ulcers* of the *Lungs*, causes *expectoration* of *Tartarous flegm*, opens *obstruction* of the *Spleen*, provokes *Urine* and the *Terms*, breaks and expels the *Stone*, and forces away the *after-Birth*. Dose à ʒss. ad j.

9. *Magisterium squillarum*, *Magistery* of the *Sea-Onion*.

Quercetan advises to take the *Heart* of the *Onion*, i.e. all within the hard *Rind* or *Peel*) cut and bruise it well; after digest a while in *B.M.* then strain and dry.

Salmon.) It has all the *Virtues* of the *Root*, which see *lib. 1. cap. 1. sect. 126.*

10. *Magisterium* seu *Fæcula Ononidis*, *settlings* of *Rest-Harrow*.

Re *Roots* of *Rest-harrow*, boyl them three or four hours in water: clarify the *decollion*, and inspissate a little, so will its *Tartar* fall to the bottom.

Salmon.) It is a *Specifick* in opening *Obstructions*, curing the *Jaundice*, *Stone* and *Gravel*, and provoking *Urine*. Dose to ʒj. it also consumes the *fleshy Rupture*.

11. *Magisterium salis* seu *spiritus salis coagulatus Myrsicis*, *Magistery* of *Salt*.

Re *Chrystalline salt* of *Wormwood*, upon which drop rectified *spirit* of *Salt*, so much as will coagulate and unite with a prevailing *sapor* and force above the *spirit* of *Salt*.

Salmon.) It is a most excellent *Medicine*, having a *Balsamick* property

property, it renovates the whole Man, purifies the Blood, strengthens the Head, Heart and Stomach, opens Obstructions of both Liver and Spleen; cures, discusses and cleanses from all putrefaction. It is one of the most efficacious Diureticks, and a Specifick against the Dropsy, taking away all flatulent, watery, and tartarous Viscosity. It breaks and expells the Stone; is prevalent against the Illiack and Cholick Passion, the Jaundice, all sorts of Feavers, Dysenterys, Palsies, Apoplexies, Gouts, Leprosies, Worms, Ruptures, Plague, Poysons, and the Sweating-sickness. Dose a gr. vi. ad xvi. In a few days it dissolves the Dropsy Tympanites.

12. *Magisterium Vitrioli*, seu *Spiritus Vitrioli Coagulatus Mynsichti*, Magistery of Vitriol.

It is made in the same manner as the former, but with Salt of Sorrel.

Salmon.) It strengthens a languishing Stomach, helps digestion, and causes a good appetite: It quenches thirst, allays inflammations, and cools the heat of Feavers. It is used in all Diseases of the Head, as the Vertigo, Megrim, Epilepsy, Carus, Lethargy; in the suffocation of the Womb, Jaundice, Stone, Plague and Epidemical Distempers, preserving from putrefaction, and resisting the force of Poyson. Dose so much as may change the taste to an Acidity: give it in Broth, Wine, or other convenient Vehicle.

There are several other Magistries of excellent use; all which you may see with the Preparations, Virtues and Uses, at large in our *Doron Medicum lib. 2. cap. 9.*

CHAP. X.

Of *SALTS Artificial.*

I. *Salium conficiendorum Modus*, The way of making Salts Artificial.

Colledge.) Salt Volatile or Essential. Take of any Plant while it is fresh and full of juce, a sufficient quantity, bruise it in a wooden or Stone Mortar: then a great

quantity of fair water being added, boyl to the consumption of the half part; strain, pressing it out strongly, and after boyl it to the thickness of new Honey: put it into a glass or glazed Vessel, and set it in a cold place, for the Space of eight days at least; and a Crystal Salt

N n will

small concrete like *Sal Gem*, which (the liquor being decanted) gather, wash with some proper water, and dry it for use. Thus is made *Salt of Wormwood*, *Carduus*, *Mugwort*, and other bitter Herbs, but of other Herbs with much difficulty.

2. Salt Fixed or Elemental.

The manner of preparation consists in 4 things, Calcination, Solution, Filtration and Coagulation: First, burn the matter you would make Salt of, into white ashes, but with Caution, lest by too hasty burning they should melt into glass: from the ashes with pure water extract a Saliness, and make a Lixivium, which filter, which in a glass Vessel boyl with a gentle fire, that the water may exhale and the Salt be left: which Solution, Filtration and Coagulation so often repeat till it is freed from all impurity, and is made very white. Thus are prepared Salts of Plants, and parts of living Creatures: amongst which these excel; Salt of *Wormwood*, *Time*, *Rosemary*, *Centory* the less, *Mugwort*, *Carduus*, *Masterwort*, *Parsly*, *Rest-harrow*, *Ash*, *Dwarf-Elder*, *Box*, *Camomil*, *Hypericon*, *Succory*, *Celandine*, *Scurvy-grass*, *Betony*, *Maudlin*, *Baum*, *Cetrach*, &c.

SALMON'S Comment:

As to the Essential Salts, if you pour the juyce a little inspissated upon fresh herbs, then digest, concoct. and strain as before, you will have a larger quantity of Salt: Woods, Bones, Horns, Blood, &c. will yield also a Volatile Salt, but not with-

out distillation, and in the same manner the Salts of Vegetables will ascend too. As for fixt Salts which are made by incineration, they are calcined and melted to make them white, but then they must be given in a greater Dose; the lixiviate taste is taken away by calcining the ashes with Sulphur, and then making the Lixivium, by which means the Salt is freed from its urinous taste; which Salt if distilled as common Salt, yields a very piercing Spirit. Salts made of Stones, Metals, Shells, &c. by dissolution in sharp Spirits are improperly so called, and may be dissolved in a Cellular per deliquium.

Essential Salt of *Wormwood* fortifies the Stomach, helps digestion, and is good in the cure of the Scurvy.

Essential Salt of *Carduus* cures Feavers of all sorts, and is prevalent against the Plague and Small-Pox.

Essential Salt of *Mugwort* is excellent to strengthen the Womb, help Conception, and cure fits of the Mother.

Fixed Salt of *Wormwood* cures Surfeits, Dropsies, Jaundice, and weakness of the Stomack.

Salt of *Time* provokes Urine, opens Obstructions, cures fits of the Mother, and Diseases of the Head.

Salt of *Rosemary* cures the Epilepsy, Convulsion, Palsy, Lethargy, Apoplexy.

Salt of *Centory* the less cures the Dropsy, Jaundice, Obstructions, Scurvy and Gout.

Salt of *Mugwort* provokes the

Terms

Terms, and brings away both Birth and After-Birth.

Salt of Carduus Ben. cures Poyson, Plague, Quartans, Head-achs, Vertigo's.

Salt of Master-wort provokes the Terms, and brings away both Birth and after-Birth.

Salt of Parsly provokes Urine and the Terms, breaks and expels the Stone and Gravel.

Salt of Rest-harrow breaks and expels the Stone in both Reins and Bladder.

Salt of Ash cures the Jaundice, Dropsy and Itch. See our *Doron Medicum*, Lib. 2. Cap. 10. Sect. 4.

Salt of Dwarf-Elder cures the Dropsy, Gout, Agues, Quinseys, Asthma's, and kills Worms.

Salt of Box cures Epilepsies, Palsies, kills Worms, and eases pains of the Teeth.

Salt of Camomil expels the Terms and dead Child, cures the Cholick, Stone and Agues.

Salt of Hypericon is Traumatick and Vulnerary, breaks and expels the Stone.

Salt of Succory is vulnerary, cools and strengthens the Liver and Stomach.

Salt of Celandine opens Obstructions of the Liver and Spleen, cures the Jaundice and clears the Eye-sight.

Salt of Scurvygrass is an excellent thing against the Cachexia, Dropsy and Scurvy.

Salt of Betony comforts the Head and Brain, cures Epilepsies, Convulsions and Palsies.

Salt of Maudlin is Traumatick, Vulnerary, Stomatick, Uterine and Nephritick.

Salt of Bawm is Cordial, purifies the Blood, and restores in Hecticks and Consumptions.

Salt of Cetrach opens Obstructions of Liver and Spleen, and cures Melancholy. In a word, all Salts whatsoever are Uterine, Nephritick and Diuretick, provoking Urine and the Terms, breaking and expelling the Stone, opening Obstructions, and resisting the Scurvy.

SALT S added by the Author.

3. *Sal Alkali*, Alkalious or incinerated Salt.

Re Quick-lime ℥j. *Wood-Ashes* ℔ss. *Tartar*, *Niter*, A. ʒj. make a *Lixivium* in water by boiling; then filter and inspissate to dryness: Or thus according to *Theophrastus*: Take *Quick-lime*, *Bean-Balk*, *Ashes*, A. make a *Lixivium*, filter and coagulate. Or thus, *Re Quick-lime* ℥j. *Oak* or *Beech Ashes* ℔ij. *Vitriol calcin'd*, *Tartar*, *Sandaver*, A. ʒij. make a *Lixivium* and coagulate.

Salmon.) The Grand use of this Salt is to separate Gold from Coppas, being cast on when it runs, as also to make Silver melt and run easy.

4. *Sal Alembrot*, seu *Elebrot*, seu *Alkitrans*; The Philosophick Salt.

Re Salt prepared, *Sal Gem*, *Sal Alkali*, A. ʒj. make a *Lixivium* with juice of *Mint* and *Avens*, A. ʒij. *Spring-water* ℔ij. filter and coagulate.

Salmon.) You may give gr. iv. or vj. in a morning fasting, in good Canary to help digestion and cure the illness of the Stomach,

mach. Schroder says, there is a native Sal Alembrot, like congealed Blood found in Mount Olympus in Cyprus; but it is unknown with us.

5. Sal Philosophorum Mulleri, Salt of the Philosophers.

Take Salt melted, or Sale Niter, Sal Gem, A. ℥i. Galangal, Mastich, Cubebs, A. ℥j. make a powder.

(Salmon.) It is an Excellent Stomachick, causes concoction, consumes crudities, is good against Vomiting, and fortifies the Stomach. Dose gr. iv. or v. in a morning fasting.

6. Sal Anatron, Refiners Salt.

℞ Quicklime ℔v. Alum, Vitriol, A. ℔ii. Salt ℔iiii. make a Lixivium with white or Rhenish Wine: digest 10 days; then take Niter ℔x. put to it as much of the former Lixivium as will cover the Salt in a Kettle: mix and dissolve, boyl it half away, strain and set it to crystallize.

(Salmon.) The chief use of this is for Melters, Pounders, and Refiners, to cause their Metals to melt, and to cleanse them. This is taken by some for a white stony excrecence, growing upon Rocks white like Moss.

7. Sal Sacerdotale, The Priests Salt.

℞ Common Salt ℥xv. Cinnamon, Cummin-seeds, A. ℥iii. Ginger, Anomum, Bastard Lozage, Pepper, Savory, Hyssop, Organy, Pennyroyal, A. ℥i. make all into a fine powder and mix. Or thus, Take Salt decripitated ℥ii. Pepper ℥i. Cinnamon ℥ss. Zedoary, Ginger, A. ℥ss. Cummin, Caraway-seeds, A. ℥j. make a powder.

(Salmon.) It is a good Cephalick, it takes away pains of the Head, inflammation of the Eyes: cleanseth the Teeth, eases pain,

Coughs, shortness of Breath, the Cholick, and comforts the Stomach. It is so called because the Priests in Elys time used it. Dose a gr. viii. ad xvi.

8. Sal seu Psithrum probatum, Scheferi, Schefers Depilatory.

℞ Tartar, imbibe it in the strongest Vinegar, then calcine in a Pottery Furnace to whiteness: Extract the Salt with Vinegar, which again calcine; and as before extract the Salt with Vinegar, which work repeat five times.

(Salmon.) Dissolve the Salt in fair water, and anoint the place with it two or three times.

9. Tartarus Nitratu Mynsichti Mynsichti Nitrated Tartar.

Take Salt of Tartar, fine Niter A. ℥ss. dissolve them in warm Rose water; filter, and over a gentle fire boyl till you see a crust on the top take it off, and set it in a cool place to crystallize.

(Salmon.) It is a powerful Medicine to cut, and digest thick and tartarous humors; it takes away all Obstructions of the Urine, cures Putrid Feavers, the Sweating Sickness, and all malignant and pestilential Diseases; It resists Putrefaction, allays Inflammations of the Throat, provokes Urine, breaks and expels the Stone from the Reins and Bladder. Dose a ℥j. ad ℥ss. in some proper Liquor.

10. Tartarus Fulminans, Thundering Tartar.

Take Salt of Tartar ℥ss, Salphur ℥j. Niter ℥iii. make each into a pure fine powder and mix them well which keep from the Air in a glass close stop.

(Salmon.) Some order Salt of Tar

Tartar but ʒj . but doubtless the prescript is better. It has all the Virtues of the former Medicine, besides which it is powerful to kill Worms. Dose ʒ gr. x. ad xx . Two drams of π , laid on a heap in a Fire-shovel, over a great Fire, not stirring of it, but letting it thoroughly dry, till the Sulphur is enflamed, will in a short time give a crack bigger than a Musket, yet without danger.

II. Sal Serpentum Bezoarticum, The Bezoartick Salt of Serpents.

\mathcal{R} of the compound Animal Bezoar (in lib. 2. cap. 5. sect. 23. § 7.) ʒ xv . seeds of Rue ʒiv . of Wormwood ʒij . of Hartsborn and red Coral, A. ʒi . mix and calcine, and with Rhenish Wine extract the Salt, which twice purify.

Salmon.) It is a wonderful thing against all manner of Poyson and Venom, and destroys the Malignity of the French Pox and Leprosy. 'Tis a great Secret. Dose ad ʒj .

12. Sal Aureum Mylij, Mylius his Golden Salt.

\mathcal{R} of the former Salt ʒj . Magisteries of Pearl, and of the five fragments of precious stones, A. ʒij . Solar Bezoar ʒls . Lunar Bezoar ʒii . Unicorns horn, Ambergrise, A. ʒii . Bezoar stone prepared ʒls . mix them, and make a fine powder.

13. Bezoarticum Vitriolatum, The Vitriolated Bezoartick.

\mathcal{R} Hartsborn calcined white, qs . powder it, and put it into a glass platter or white-ware dish, mix it with rectified Oyl of Vitriol, moisten it by degrees, and with a Glass or Silver spatula gilded, mix it into a paste, which form

into Rouls, or Tables like Terra Sigillata, which lay singly by themselves to dry, which will be in a short time, then keep them close in a Box for use.

Salmon.) It is a wonderful thing against Infection of the Plague, beyond almost all things yet known, especially for all such as cannot be at great charge to buy dearer things, for Travellers and such like. It is one of the greatest Bezoarticks, potently resisting Venom, Poyson, all malign and pestilential Feavers. Dose $\text{gr. v. or vi. plus minimus}$, according to the strength of the person; give it in the morning fasting in a glass of Wine or fair Water: every Morning in Plague time.

14. Sal Febrile Mynsichti, Mynsicht's Salt against Feavers.

\mathcal{R} Sal Armoniac several times sublimed: Niter, Salts of Carduus, Benjamin, Wormwood, Centory the less, A. ʒj . dissolve in succory water, evaporate it in part, then set it to crystalize.

Salmon.) It is a certain Specifick against all sorts of Feavers whatsoever, given three or four times ʒ ʒls. ad ʒj . in Centory the less water, two or three hours before the Fit, thereby provoking Sweat. It also heals Burnings.

15. Sal Apoplepticum, a Salt against the Apoplexy.

Take Rochet seeds lb. ii . Roots of Lillys convuls, of Pellitory of Spain, Cloves (whose Tincture is extracted) A. ʒij . Black Cherries lb. ss . Juniper berries, Bay berries, A. ʒiv . leaves of Gout-wort, Marjoram, Rosemary, Organy, Hysop, red

Sage, *A. ℥iij.* flowers of Lavender, Marigolds, Cowslips, Berony, *A. ℥ii.* mix, calcine, and make a Crystalline Salt.

Salmon.) In the Apoplexia, Epilepsia, Palsy, &c. it is a most present Remedy; it discusses humors, attenuates thick matter, and restores lost sense and motion to the whole Body: It will be much more powerful if you add to it p. $\frac{1}{2}$ of Salt of Mans Skull. Dose \dot{a} ℥ss. *ad j.* or \mathfrak{z} ls. in some proper Vehicle.

16. *Sal Epilepticum*, Salt against the Epilepsy.

R Roots of the greater Sparge, \mathfrak{h} ij. of Angelica, Peony, Pellitory of Spain, *A. lbj.* seeds of Peony, chips of the Cypress-tree, Mistecoe of the Oak, *A. lbs.* leaves of Cink-foil, Yarrow, Rue, Mullein, Lavender, Rosemary, Chickweed, *A. ℥iv.* Flowers of Peony, Elder, Tile-tree, Stachas, Cowslips, *A. ℥ij.* flesh of young Magpies, Swallows, Peacocks dung, *A. ℥x.* mix, calcine, and make a salt.

Salmon.) If instead of the Chickweed \mathfrak{z} iv. you put Nutmegs (whose Tincture is extracted) \mathfrak{z} iv. it will be much the better. It has all the Virtues of the former, besides which it is good against the Leprosy, Carus, and other sleepy Diseases. Dose *ad* \mathfrak{z} ls.

17. *Sal Cordiale Mynsichti*, The Cordial Salt.

Take Roots of Avena and Bugloss, *A. lbii.* leaves of Rosemary, Sage, Bawm, *A. lbj.* seeds of sweet Basil, Cardamoms, Citron-peels, *A. lbs.* the 5 Cordial flowers, Clove-Gillflowers, *A. ℥iv.* Cinnamon, Cloves, Mace, Saffron (whose Oyls, Spirits and Tinctures are first extracted)

A. ℥xiv. mix, calcine, and make a salt according to Art.

Salmon.) It is an excellent thing in Palpitations, Swoonings, Faintings, and other affects of the Heart: It revives the Spirits, and comforts the whole Body. Dose *ad* \mathfrak{z} j.

18. *Sal Pectorale Mynsichti*, The Pectoral Salt.

Take Roots of Liquorice \mathfrak{h} ij. of Florentine Orrice, of Elecampane, of Marsh-mallows, *A. lbj.* of Comfrey, of Mallows, *A. ℥viij.* leaves of both sorts of Lungwort, Hyssop, Horehound, Coltsfoot, Pauls. Berony, ground-Ivy, Maiden-hair, Scabious, *A. ℥iv.* seeds of Fennel and Annise, *A. ℥ij.* flowers of Camomil, Coltsfoot, Knapweed, *A. ℥ii.* mix, calcine, and with some pectoral water make a salt.

Salmon.) It cuts, attenuates, and expectorates thick viscous flegm, & other tartarous matter; It ripens Coughs, Colds and Obstructions of the Breast; is excellent against Asthma's, Ulcers of the Lungs, spitting of Blood and Phthisicks, cleansing & healing the afflicted parts: It is powerful against Pleurisies & pains of the Sides and Spleen, discussing the offending matter; it also provokes Urine, and cleanses the Reins and Bowels. Dose \dot{a} ℥ss. *ad j.* or \mathfrak{z} ls. in a proper Vehicle.

19. *Sal Epaticum*, Salt strengthening the Liver.

Take Roots of Liverwort \mathfrak{h} ij. of Chicory, Scorzonera, *A. lb. j.* of bitter Costus, of Eryngo, of Turmeric, *A. lb. ss.* Calamus Aromaticus, Rhapontick, *A. ℥iv.* leaves of Roman Wormwood, Southburnwood, Eupatorium, Hartwort, Pauls.

betony, noble Liverwort, Fumitory, Dodder, A. 3ij. Rhubarb, Cassia Ligna, A. 3x. mix, calcine, and with water of Liverwort, make a salt according to the spagyrick Art.

Salmon.) It opens Obstructions, takes away hardnesse, and dissolves the Scirrhus of the Liver. It cures the Cachexia, Jaundice, and Cholick, takes away water between the Flesh and the Skin, and helps the stinking scent of the Body: It provokes Urine and the Terms, and breaks and expels the Stone. Dose \dot{a} ʒj. ad ij.

20. Sal Spleneticum, Salt strengthening the Spleen.

Take leaves of Wormwood, lb. ij. Carduus Ben. Rosemary, Harts-tongue, Pauls. Betony, Ceterach, A. lb. ss. roots of both sorts of Fern, Calamus Aromaticus, A. ʒiv. Bark of Capers, Tamarisk, Ash, A. ʒiiij. flowers of Camomil, Centory the less, Broom, A. ʒij. mix, calcine, and make a salt according to Art.

Salmon.) It opens obstructions of the Spleen, takes away hardness, and eases pain thereof: It is excellent against Quartans, and comforts Old Age. Dose \dot{a} ʒj. ad ʒss. in Harts-tongue, or Spleenwort-water.

21. Sal Nephriticum, The Stone breaking Salt.

Take Roots of Stone. Parsly, of Rest-barrow, A. lbij. of Filipendula, of Vervain, of Eryngo, of Burnet, A. lb ss. Beans hull'd, Stones of Med-lars, A. ʒvj. Juniper-berries, Barberries, Winter Cherries, Gromwel seed, A. ʒiv. leaves of Ground-Ivy, Pauls-Betony, Horse-tail, Fumitory, leaves of Strawberries, A. ʒiiij. flowers of Holy-hocks, Elder, Broom,

A. ʒij. seeds of white Lillyes, of white Saxifrage, of Burdock, of Barberries, A. ʒiss. Lignum. Nephriticum, Peach. Kernels, sweet Almonds, white Pepper, Galanga, Ginger, A. ʒiv. mix, calcine, and make a Lixivium, in which dissolve Nitre prepared, ʒj. then abstract the humidity and make a Salt.

Salmon.) It breaks, dissolves, and expels the Stone, brings away Gravel, opens Obstructions of the Reins and Bladder, and forces away Urine; it helps the Diffury, Ichuria, Stranguria, and Diseases of the like nature. Dose ad ʒss.

22. Sal Hydropicum, Salt against the Dropsy.

Take Juniper-berries lb. ii. Roots of Flower-de-luce, of Elder, of Red Mugwort, of Dwarf-Elder, A. lb. i. Roots of Smallow-wort, of Turmeric, A. lb. ss. leaves of Wormwood, Centory the less, Agrimony, Carduus ben. Sea cole-wort, A. ʒvi. flowers of white Liverwort, of Elder, of Broom, A. ʒiv. seeds of the Ash-tree, of Rocket, of Cummin, A. ʒiiij. Sarsaparilla, ʒxvi. Cubebs, Rhubarb, Nutmegs, and Mace (having their Oyls extracted from them) A. ʒviii. mix, calcine, and with Elder-water make a Salt.

Salmon.) It cures Cachexies, Jaundice and Dropsies of all sorts. Dose ad ʒss.

23. Sal Ucerinum, The Womb Salt.

Take Roots of Bryony lb. ii. Roots of white Dittany, Peony, A. lb. j. Mistleoe of the Oak, Dwarf Elder-seeds, Elder-seeds, A. lb. ss. leaves of Rosemary, Bawm, Motherwort, Nep, Penny Ryal, A. ʒiv.

N n 4 mix,

mix, calcine, and with Baum-water make a Salt.

Salmon. It cures obstructions, Suffocation and pains of the

Womb, provokes the Terms, helps Barrenness, and Convulsions in Children. Dose à ʒj. ad ij.

CHAP. XI. Of LIQUORS.

1. **L**iquor Nephriticus Schroderi, Schroders Stone breaking Liquor.

Take Crabs eyes, Lapis Judaicus, Lyncei, Sponge-stone, Eagle-stone, powder them fine, mix, and dissolve in spirit of Salt, and coagulate by evaporation: Powder again and dissolve per deliquium, coagulate again, and dissolve, repeating this work till it will no longer Coagulate.

Salmon.) It breaks, dissolves, and expels the Stone from both Reins and Bladder, provokes Urine and the Terms, and cleanses the Urinary passages: Dose ad gut. vj. every day.

2. **L**iquor Vulnerarius Schroderi, Schroders Wound Liquor.

Be Quick lime, S. i. Armon. powder them, mix and melt them together, with a strong heat, decant the water: beat the Mass, adding to it as much Sale of Tartar, melt it into a Liquor per deliquium.

Salmon.) Mixt with a sufficient quantity of S. V. it cures Wounds immediately: otherwise alone it is excellent against Scabs and Fistula's, Ulcers, old running and malignant Sores, Cankers, Ring worms, Tettars,

French Pox, cleansing and healing them, &c.

3. **L**iquor Alkahest Paracelsi, Paracellus his Alkahest.

1. Prepare an Alkali from Quicklime and Sal Regale by cementing the Sal Regale with the Quicklime, and boiling them in fair water to make a Lixivium, filtering and coagulating by evaporation: of which salt prepare a large quantity: 2. Let pure Spanish or Hungarian Quick-silver be beaten with the Alkali, in a stone Mortar a little warmed, so long till none of the ☿ can be seen, which put immediately into a Glasi Retort, with a Receiver well luted to it, and distill with a naked fire, which operation so often repeat, till the ☿ becomes very liquid, and appears truly spiritual. 3. This spiritual ☿ distil thrice in a tubulated Retort, closely joined in the joynts with Lutum Sapientiae, to two other Vessels or Retorts with Necks at both ends, the latter of which let be well luted to a large Receiver, the ☿ let be cast into the Retort by the Tube, at several times, which Tube ought to arise above the furnace, and after the injection of the ☿ every time to be close stopp'd, which then

then will pass with its aquosity into its Receiver, till it is all turned into water. 4. Put this Mercurial water into a bolt-head, so large as it may fill about an eighth part of it, which for some Months place and digest in Horse-dung, till all the water is converted into froth: the putrefaction still continue, till the froth vanishes, and the liquor in the bottom of the Vessel be again clear; at last rectify it once or twice by a Retort in sand, and keep it carefully for use.

Salmon.) Whether this be the Alkabeſt of Paracelsus with which he did such Wonders, and which Helmont so Praises, even to the Skies, is very doubtful: for as that Alkabeſt was destinated to the preparation of all sorts of Medicines, extraction of all sorts of Tinctures and Essences, whether out of Minerals, Vegetables or Animals; so also it was reported to cure effectually all Diseases, and to root out the Seminations of every Malady, and to do Miracles above any other Medicine, except the Philosophers Stone. He that desires to know more hereof may fetch it out of the most Learned Helmont, where he may indeed receive a very great deal of satisfaction.

4. Liquor seu Tinctura Vitrioli, Liquor of Vitriol.

Take Hungarian Vitriol calcined to Redness, affuse upon it S.V. rectified; digest in a gentle heat for ten days: decant, and repeat the affusion several times till the spirit has extracted the whole essence, so as neither colour nor taste remain. These extractions filter, and by an

Alembick or Cucurbite in B.M. abstract (by distillation) the humidity, till the remainder is thick like honey, which mix with Aloes extremely calcined, and by a Retort distil a sweet and rubicund liquor.

Salmon.) It is a present Remedy against the Stone, Epilepsy, Megrim, Headach, Vertigo, Apoplexy, and Internal Ulcer, it purifies the Blood and preserves Health: Dose à gr. x. ad xx.

5. Liquor Alexipharmicus; A Liquor against the Plague and Poyson.

Take the Aqua Bezoartica Largij (in cap. i. sect. II.) lbiv. Camphir ℥j. white Amber ℥i. roots of Zedoary, Concrayerva, Virginian Snake roots; and Ciron-peels (the whites cut off) A. ℥ss. Orange Peels ℥i. red Myrrh ℥ss. Saffron ℥ij. mix and digest 14 days; then strain and filter, and keep the Liquor for use.

Salmon.) The Title shews the Use for which it is a very excellent thing: In all malign Diseases, Feavers, Small Pox, Measles, sweating Sicknels, it is a true Antidote. Dose à ℥j. ad ℥ij. if to provoke Sweat ab ℥j. ad ℥ij.

6. Liquor Cordialis, The Cordial Liquor.

Take Aqua Imperialis (in cap. i. sect. 18.) lbvi. Orange and Citron peels (the white taken off) A. ℥j. grains of Chermes ℥ss. Lignum Aloes ℥ij. Saffron ℥i. Ambergrise, Musk, A. ℥j. digest two days, then strain and filter; in which dissolve the soluble Magistery of Oriental Pearl, Coral, Mother of Pearl, A. ℥ij.

Sal.

Salmon.) It has all the Virtues of the said *Aqua Imperialis*, with much advantage. Dose one or two spoonfuls: you may dulcify it with Syrup of Cinnamon.

7. *Liquor Cordialis refrigerans*, A cooling Cordial Liquor.

Take of *Aqua Cordialis frigida Saxonia*, ℥iiss, soluble Magistery of Oriental Pearls, red Coral and Mother of Pearl, A. ℥ss. juyce of Limons, and Pomegranates newly expressed, A. ℥iiss syrup of Limons and Pomegranates A. ℥ss. mix for a cooling cordial potion.

Salmon.) It is an excellent cooling Cordial, and will almost revive a dying man; It is excellent in Feavers and all hot distempers. Dose ℥ij. iij. or iv.

8. *Liquor Nephriticus*, The Stone-breaking Liquor.

℞ of *Spiritus Lithonripticus* (in 2. sect. 27.) rectified spirit of Juniper-berries, A. ℥iiss. burning spirit of Cherries, ℥ss. Rhenish wine ℥iv. mix, and digest some days in a warm place in a glass close stopp'd: then keep it for use.

Salmon.) It is an excellent thing to break, dissolve and expel the Stone in both Reins and Bladder, and so much the more easily, if when it is given, you dulcify it with Syrup of Citrons or Strawberries, adding also a few drops of pure Oyl of Salt or Vitriol. It is powerful against the Dysuria, Strangury and all stoppages of the Urine. Dose from two spoonfuls to three.

9. *Liquor Antiscorbuticus*, A Liquor against the Scurvy.

℞ fresh roots of Parsly, Burnet, Elecampane, Lovage, A. ℥ii. fresh leaves of Garden Cresses, Scurvy-Grass, Garden Chervil, A. ℥iv.

Rosemary, Perwain, A. ℥iiss. Flowers of red Roses ℥iij. seeds of Fennel, Parsly, A. ℥j. Juniper-berries, Mustard-seed, A. ℥ss. Bay-berries ℥ss. Cinnamon ℥ss. Rhenish-wine ℥iiij. Salt of Tartar ℥bj. dissolve the salt in the wine, then put in the Ingredients: digest in B. M. for ten days, then strain and express: to the Expressed-Liquor put new Ingredients, digesting and straining as before, which repeat till the Lixivium is very strong of the infused matter, then strain and filter, adding to the filtered Liquor fresh Rhenish wine ℥xxvj. Digest ten days, and keep it for use.

Salmon.) It is a powerful Antiscorbutick, cleanses the whole Body of all impurities, purging like Soap: It opens Obstructions, provokes Urine and the Terms, cures the Rickets in Children, Green-sickness in Virgins, and the Cachexia in older persons, It strengthens the Stomach, takes away Crudities and causes a good Appetite. Dose a quarter of a pint every morning fasting for some time: sweeten it with some proper Syrup.

10. *Liquor ad Gonorrhœam Virulentem*, A Liquor for a virulent Running of the Reins.

Take Turpentine water, Scordium water compound, and poppy water compound (at sect. 22. 26. and 28. cap. 1. of this Book) ana ℥iiss. Roots of round Cyperus, of Florentine Orrice, of Hounds-tongue, of Bistore, of Tormential, ana ℥ss. fresh flowers of water-Lilye, Corn-Poppies, red Roses, A. ℥iiss. seeds of Agnus Castus ℥j. seeds of Lettice, of Hemp, of white Poppies (all bruised) ana ℥vj. Saffron ℥j. Saccharum

Saccharum Saturni ℥iss. mix, and digest 10 or 15 days in a warm place: then strain, pressing all out strongly, which filter, and keep for use.

Salmon.) It cures Ulcers of the Reins, and of the passages of the Urine and Seed, being given (after due purging) 2 or 3 spoonfuls Morning and Evening, and injecting of it also with a Syringe 4 or 5 times a day: so also, it is very profitable against the Whites in Women. If you add to the Composition Opium ℥iv. it will be so much the better.

11. **Liquor Vitæ Anodynus, Anodyne Liquor of Life.**

Take Spirit of Wine lb. x. Thebian Opium ℥xvj. Spanish juyce of Liquorice ℥iv. Salt of Tartar ℥iij. English Saffron ℥ii. dissolve the Opium in the S.V. and in a gentle heat digest in a gentle B.M. for 20 days, and decant a very deep Tincture: then put in the Saffron, digest 10 days, and decant again, and reserve it: dissolve the salt of Tartar in a quart of fair water, with which extract the Tincture of the Spanish juyce in a soft B.M. digest two days upon the scæces, stirring it once a day, at last decant the clear Tincture of the juyce impregnated with the salt, and mix it with the afore reserved Tincture, to which add Ess Veneris, or Narcotick Sulphur of Vitriol ℥viij. dissolve by digestion, and keep it for use.

Salmon.) It has the Virtues of the most excellent Laudanum, cures Agues, Feavers, Consumptions and the Stone. Dose from 10, 15, or 20 drops, to 40 drops or more, according to the Age and strength of the Patient.

12. **Liquor Panpharmacus, A general Physical Liquor;**

Take fair Water lb. xxij. dissolve in it Salt of Tartar lb. iv. filter the solution and infuse in it Guajacum rasped lb. iv. digest in a gentle heat for ten days, till the Lixivium has extracted the Virtue of the Wood, then strain and express the Tincture (from the scæces) strongly: To this expressed Tincture add twenty seven Gallons of water, in which digest new raspings of Guajacum lb. iv. for ten days; decant and strain out the Tincture strongly by pressing: In this Tincture dissolve Spanish juyce of Liquorice ℥xxx. let it stand one day, till the liquor has drawn up all the Tincture of the juyce, having a little sediment of scæces at the bottom: decant it from the said scæces, and working it up with Ale-Yest for two or three days, keep it in a Barrel close stopp'd for use. After a while put it into Stonebottles.

Salmon.) It is a good general Medicine to expel Poyson, sweetens the Blood, creates a healthful habit, opens Obstructions, and resists the forces of the Scurvy, Dropsy, Gout, Feavers, and French-Pox. You may give half a pint of it at a time four or five times in a day.

13. **Liquor Arthriticus Mynsichti, The Gout Liquor of Mynsicht.**

Take Virgin honey with the Comb lb. ij. Vitriol calcined yellow lb. j. River-stints calcin'd lb. ss. Rosemary, Virvain, A. ℥vj. Hermodactes ℥iij. Gum Ammoniac, Mastich, Olibanum, Myrrh, Bdellium, Opopanax, A. ℥ij. yellow Sulphur, Salt, white Tartar, A. ℥ss. Inspissate juyce of Henbane, Thebian Opium, Mummy, A. ℥j. mix, and add

add S.V. (made from the feces of red Wine, or abstracted from Laudanum) ℥v . digest some days : afterwards by a glass Alembick well luted, having a large head, and a capacious Receiver, distil till you see drops : the feces take and pulverize, putting them again into the Alembick, cohobating the distilled spirit, which work repeat four times.

Salmon.) It is a secret in all intollerable and inveterate pains (especially of the Gout) and defluxions upon any part, bathing the part affected 5 or 6 times a day : you may also take it inwardly.

14. *Liquor Camphoratus Mynsichti*, The Camphorated Liquor of Mynsicht.

R *spirit of Wine Camphorated* ℥ii . *Frog-spawn-water* ℥iii . *Anodyn Sulphur of Vitriol* (at sect. 1. cap. 9.) ℥j . *Liquid Storax, Thebian Opium, spirit of Vitriol*, *A.* ℥i . mix, and keep it for use.

Salmon.) It has the Virtues of the former, giving twice a day *sal prunellæ* ℥ij . in Elder-flower water.

15. *Liquor Cephalicus Mynsichti*, The Capital Liquor of Mynsicht.

R *Apoplectick water* (at sect. 42. cap. 1.) ℥iiij . *Epileptick water of Languis* (at sect. 7. cap. 1.) *waters of Lilly-convals* ℥iiij . of *Marjoram, Betony, Scg.* *A.* ℥jss . *Rouls of Diambra* ℥j . *conselt of Emeralds* ℥ss . *Salt of white Amber* ℥j . mix.

Salmon.) It is good against most affects of the Head, as the Head-ach, Megrim, Epilepsy, Apoplexy, Madnes, Vertigo,

Palsy, and Convulsions. It comforts the Brain, quickens the Senses, sharpens the Intellect, and restores lost Memory. Dose from one spoonful to two every Morning fasting.

16. *Liquor Cordialis Mynsichti*, Mynsicht's Cordial Liquor.

R of *Aqua Cordialis frigida & Calida*, *A.* ℥iii . *Cinnamon-water with Bugloss, water of a Deers-Heart*, *A.* ℥j . *Confectio Alkermes* ℥ij . *Salt of Pearl and Coral*, *A.* ℥j . mix them, and sweeten with *Manus Christi simplex* ℥jss .

Salmon.) It is a notable Cardiac, cures the palpitation and trembling of the Heart, as also Swooning Fits : It cheers the Spirit, exhilarates the Mind, revives the weak and languishing, comforts the whole Body, preserves from the Plague and many other Diseases. Dose $\text{j. or ij. spoonfuls}$.

17. *Liquor Cerussæ Mynsichti*, Mynsicht's Liquor of Ceruse.

R *Ceruse* ℥j . *Pompholix* ℥ss . *Lapis Calaminaris, Licharge*, *A.* ℥ij . *Tutia prepared, spodium*, *A.* ℥j . make them into a subtile powder and mix them, to which add waters of Housteck, Plantane, and *R ses*, *A.* ℥iiij . mix again, and keep it for use.

Salmon.) It cools and dries much, and therefore is excellent against hot humors and inflammations, and moist Sores and Ulcers : it eases pain, and cures watering and lippid Eyes : it also takes away spots and filth of the Skin.

18. *Liquor Diaphoreticus Mynsichti*, Mynsicht's Sweating Liquor.

R *Aqua*

Take *Aqua Theriacalis* $\mathfrak{z}\text{vj}$. Spirit of Tartar several times rectified $\mathfrak{z}\text{iii}$. Spirit of the Wood of *Guajacum*, Spirit of Terra sigillata, made per se, and rectified, A. $\mathfrak{z}\text{j}$. the acid Liquors of Pearl and Coral, A. $\mathfrak{z}\text{ss}$, mix, digest a month, filter and keep it for use.

Salmon.) It provokes Sweat strongly, and expels all Poyson and Venom from the Heart, resisting putrefaction, and taking away all sorts of Obstructions, for which it excels many other Medicines. It cures Swooning-fits, the Epilepsy, Apoplexy, Convulsion, Melancholy, Quinsy, Palsy, Dropsy, yellow Jaundice, Cachexia, Pleurisy, Green-sickness, Pox, Plague, Epidemick Diseases, Asthmas, putrid and malign Fevers, Obstructions of the Courses, Scabs, Cramps, the Survy, &c. It penetrates all the Nerves and Muscles, and even the Marrow of the Bones, correcting and taking away all noxious humors. Dose à $\mathfrak{z}\text{ss}$. ad $\mathfrak{z}\text{ii}$.

19. *Liquor Mercurij vivi Mynsichti*, Mynsicht's water of Quick-silver.

Take Quick-silver, *Aqua-fortis*, A. $\mathfrak{z}\text{j}$. dissolve the Mercury, and to the solution add Plantane water $\mathfrak{lb}\text{ii}$. Lapis Medicamentosus made with Rose-water $\mathfrak{lb}\text{i}$. mix, and keep it for use.

Salmon.) This is only for outward use, to stop all sorts of defluxions, cure Scabs, Itch, Morphew, Pustules and spots of the skin, Erysipela's, old sores, wounds, Ulcers and Fistula's, &c. for which it is inferior to no other Medicine: but take heed you touch not the Eyes and Teeth with it.

20. *Liquor Mercurij Saccharatus Mynsichti*, The Sugared Liquor of Mercury.

Take Plantane and Rose-water, A. $\mathfrak{z}\text{iv}$. Ceruse $\mathfrak{z}\text{j}$. Mercury sublimated, white Sugar-Candy, the best S. V. A. $\mathfrak{z}\text{ss}$. mix and add *Aqua-fortis*, $\mathfrak{z}\text{i}$.

Salmon.) It cures Tettars, Ringworms and Freckles in the Skin, and all other contumacious affects thereof: but before the use of it, 'twould be good to bath the face or skin with Liquor of Wheat-Bran very hot, that it may open the Pores: then shake the Liquor well together, and put it upon the affect with a Pencil.

21. *Liquor Mercurij acetosus Mynsichti*, Liquor of Mercury with Vinegar.

Take white Vitriol, Camphir, A. $\mathfrak{z}\text{ss}$. Mercury sublimated, Ceruse, Crystals of Tartar, burnt Alum, A. $\mathfrak{z}\text{ii}$. Pompholix, $\mathfrak{z}\text{ss}$. mix and make a powder: of which take $\mathfrak{z}\text{ss}$. White-wine Vinegar $\mathfrak{z}\text{iv}$. mix again, and keep it for use.

Salmon.) It has the same Virtues with the former, and to be used in the same manner.

22. *Liquor Ophthalmicus*, a Liquor to clear the Eye-sight.

Take Tutia, Aloes, A. $\mathfrak{z}\text{ii}$. white Sugar $\mathfrak{z}\text{ii}$. Rose-water, white wine, A. $\mathfrak{z}\text{vj}$. mix, and in a glass Vessel close stop'd, digest in the Sun, or in a Sand, or gentle B. M. for a month, shaking of it every day: at last, bring settled, decant, and keep it for use.

Salmon.) This is such a wonderful thing for the Sight, that there is few equals to it in the whole Art of Medicine: It has cured those that have been total-

ly blind for several years, and although very Aged; made them see to read the smallest Print, by only washing therewith Morning, Noon and Night for a few weeks together. This very Liquor restored the Emperour of Constantinople his Sight; Anno 1438. which was before lost, being ordered by a Council and Consultation assembled of the Wisest Physicians of all Italy.

23. *Liquor Anodynnus*, Our Liquor eating pain.

℞ of Nitrated Salt of Tartar (at Sect. 99. Cap. 11. Lib. 3.) ℥xviiij. of the best Quick-lime ℔xxxij. of the Quick lime; make a strong Lixivium by putting upon it a sufficient quantity of fair-water, letting it stand upon it 24 hours: then Lixivium decant, and in it dissolve the aforesaid Salt; adding red Poppy leaves bruised, Juniper-berries bruised, black Hellebor, A. ℔j. Thebick Opium ℥ij. digest all in a boyling B. M. in a glass Retort for 24 hours, then strain, and add to every pint, of the Narcotick Sulphur of Vitriol ℥iv.

Salmon.) It is a preservative of Health, good against Infection, Feavers and Surfeits: It will not fail of relief, nor (God permitting) of Cure; It is a great easer of pains, and a perfect Remedy though never so extream: give 2 or 3 spoonfuls in Canary, or White-wine and Sugar, more or less, according as the Sick is strong or weak: to Infants give a quarter or half a spoonful.

24. *Liquor Mercurii sublimati*, Water of Mercury sublimate.

℞ sublimate Corrosive ℥j. spring-water ℔ij. dissolve the sublimate and keep it.

Salmon.) It is of great use in curing the French Pox and Leprosy, you may give ij. iij. iv. or v. spoonfuls at a time: outwardly wash the Sores, Scabs, or other breakings therewith twice a day.

25. *Liquor Salutis*; The Liquor restoring Health.

℞ Saccharum Saturni ℥j. Roch Alum ℥ii. white Vitriol ℥ij. Spring-water, gal. iv. mix, dissolve, digest 40 days, filter, digest 40 days again, filter, and keep it for use.

Salmon.) It is a wonderful Medicine to cleanse and heal all sorts of Wounds, Old Sores, Ulcers, Fistula's &c. If it be too strong, weaken it by adding a larger quantity of water to it, till it is as you can endure it: wash the part affected with it 3 or 4 times a day, and if the Sore be hollow, inject it in with a Syringe.

26. *Liquor Catharticus*, The purging Liquor.

℞ Sena ℥j. Sal Regale ℥ii. juice of Liquorice ℥j. spring-water ℔j. make an Infusion to redness for four Days.

Salmon.) It is an excellent Purge to expel all watery and serose humors out of the Bowels and the whole Body.

27. *Liquor Alexipharmicus seu Scorbuticus*, The Liquor against the Scurvy.

Take Sarsaparilla, Guajacum, A. ℥viij. Gum of Guajacum ℥j. juice of Liquorice ℥iv. rectified S. V. ℔viij. mix, digest 20 days, decant, and keep it for use.

Salmon.) The Title shews the Virtues, for which it is an incomparable thing; it is also very prevalent to sweeten the Blood.

Blood, root out the French Disease and provoke the Terms, for which purpose there are not many better things known. It opens all sorts of Obstructions, and is good against Plague and Poison. Dose one or two Spoonfuls in a morning fasting.

28. *Liquor seu Essentia Saccharina*, Liquor or Essence of Sugar.

Dissolve white Sugar in Spirit of Vinegar, so long till it will dissolve no more; digest till it is of a rubeund colour: abstract the Vinegar (till it is almost dry) with a gentle fire: then by often assuing of S. V. rectified, extract till it will yield no more Tincture; these Tinctures mix, which you may either keep in the form of Liquor, or abstracting the S. V. by distillation, to the thickness of Honey, preserve only in the Essence.

Salmon.) Mixt with some Cordial Liquor, it comforts and strengthens the Heart and Ven- tricle, stops Catarrhs, Coughs, Asthma's, and is an effectual Pectoral.

29. *Liquor Nitratæ Mynsichti*, A Liquor prepared with Niter.

Take Carduus Ben. water ℥xx. Rob of Currans ℥iv. Manus Christi simplex, ℥ii. Niter prepared ℥j. mix and keep them for use.

Salmon.) It is a good Diaphoretick, Diuretick, and Bezoartick, in all Burning and Malignant Diseases. Dose per se ab ℥j. ad ℥iii.

30. *Liquor Ophthalmicus Mynsichti*, Mynsicht's Eye-water.

Take water of Crabs ℥ss. waters of Eye-bright and Fennel, A. ℥ii. of the Ophthalmick Powder and Troches of Mynsicht, A. ℥j. mix and make a Collyrium.

Salmon.) Mynsicht says it is won-

derful against Ophthalmia's, Amaurosis, and lussions of the Eyes: dropt into the Eyes once or twice a day for some days.

31. *Liquor Nephriticus Mynsichti*, The Stone-breaking Liquor.

Be water distilled in B. M. from Citrons. The Stone-breaking water (at Sect. 55. Cap. I. of this Book) A. ℥iiss. Syrup of the juyce of Violets ℥ij. white Sugar Candy ℥j. solutions of the Stones of a Perches head and Crabs eyes, A. ℥ii. Niter prepared with flowers of Sulphur, Salt of white Amber, A. ℥j. mix them for use.

Salmon.) It breaks and expels the Stone in both Reins and Bladder, provokes Urine and eases pains in those parts. Dose (per se) two or three Spoonfuls in the morning fasting.

32. *Liquor Pectoralis Mynsichti*, A Pectoral Drink.

Take water of Cinnamon with Bugloss, water distilled from Capons, A. ℥iii. water of Fox Lungs, of Ground-Ivy, of Pauls Betony, of Colts-foot, A. ℥iii. Lac Sulphuris ℥iii. Flowers of Sulphur ℥iss. Magistery of Coral and Pearls, A. ℥j. mix and with simple Manus Christi ℥iii. edulcorate, and keep it for use.

Salmon.) It is excellent good against Asthma's, Peripneumonies, Phthisicks, Hecticks, Faintings, Swoonings, Coughs, and Shortness of Breath: Dose morning, noon and night, one or two Spoonfuls. Where note, if instead of the Manus Christi, you add the pure Tincture extracted with S. V. from Spanish juyce of Liquorice ℥iii, 'twill be very much the better.

33. *Liquor Acidus Perlarm Mynsichti*,

Mynsichti, The Acid Liquor of Pearls,

℞ of Vinegar separated by distillation in B. M. from the solution of Oriental Pearls ℥ii. Spirit of Vitriol mixt with a little rectified S. V. ℥j. mix them for use.

Salmon.) The Head, Brain, Stomach, Heart, Liver, and other principal Members, it comforts and corroborates: it preserves from the Apoplexy, Falling-sickness, Vertigo, Leprosy, and other malign Discales. It sharpens the appetite in such as are sick; it resists putrefaction and Venom, and is a refuge in all putrid and pestilential Feavers. Dose ʒjss. ad ʒiss. in any proper Vehicle.

34. *Liquor Antipodagricus Mynsichti*, A Liquor against the Gout.

℞ S. V. rectified ℔ii. Frog-spawn water ℔ss. Virgin Honey ℔j. mix and in B. M. distil to dryness, reserving the liquor. The Caput Mort. pulverize, and add to it a strong Lixivium of Vine ashes ℔ii. white Tartar ℔ss. Flegm of Vitriol (separated from its Spirit ℥iv. Castorium ℥vi. Saffron ℥iv. Venice Turpentine ℥ii. Salt melted ℥j. macerate 24 hours, then distil as aforesaid; reserving the Liquor: To the Caput Mort. (being pulverized) put the ℔ss. distilled liquor, and after digestion draw it off again, repeating the distillation and cobobation three times; afterwards mix the two distilled Liquors, rectifying them once in B. M. Take of this water ℔iv. Schroders water of Virtues (at Sect. 44. Cap. I. of this Book.) ℔j. of Mynsicht's Lapis Admirabilis ℥iii. Crystals of Niter ℥ii. Saffron ℔ss. mix, and digest 24 hours, then decant, filter, and keep it for use.

Salmon.) We have made a little alteration in this Composition, viz. we have put in Schroders water of Virtues; instead of Mynsicht's Arthritick Water, which change is doubleless for the advantage; when you use it, dip lint into it, and apply it warm to the place affected oftentimes, viz. 4 or 5 times a day, and so continuing till the violence of the pain is over, and ceases. It is a singular experiment in the Cure of the Gout.

35. *Liquor tutia Mynsichti*, Liquor of Tutia.

Take Tutia prepared; Litharge, Ceruse, A. ℥ss. Camphir ℥j. Crude Alum ℥ss. all being in fine powder, mix them, adding Plantane and Rose-water, A. ℥iii. mix.

Salmon.) It cools and dries, abates Inflammations, pains and tumors, by bathing the parts afflicted.

36. *Liquor seu Nectar Vitrioli Mynsichti*, Liquor or Nectar of Vitriol.

℞ white Sugar Candy ℥x. rectified spirit of Vitriol ℥ii. mix, and in a glass Vessel close stopp'd, digest for some months, viz. till the mixture grows black like Pitch; afterwards take of this black mass ℥iv. Damask Rose-water ℔ss. Mint-water and Cinnamon-water with Engloss, A. ℥vi. Syrup of the juice of Citrons ℥iv. Manus Christi simplex ℥iii. (or instead thereof Tincture ℥j. of juice of Liquorice) mix, and keep it for use.

Salmon.) It is good to remedy the intemperature of the Ventricle, proceeding whether from heat or cold; recreates languishing nature; creates appetite; re

lists putrefaction, Venom, Plague, and all pestilential Diseases, and quenches Thirst. Dose (per se) ab ʒi. ad ʒiii.

37. *Liquor Vitriolatus Mynsichtii*, The Vitriolated Liquor of Mynsicht.

Be Syrup of Violets or Roses ʒss. juice of Citrons or Limons ʒiii. mix them and add waters of Endive ʒx. of Sorrel, of Roses, A. ʒviii. of Water-Lilies, of Scabious, A. ʒvi. Cinnamon-water with Bugloss ʒii. spirit of Vitriol so much as to give it a grateful acidity; mix all again well and keep it for use.

Salmon.) In the Plague, Hungarick Fever, burning Fevers, and all other malignant Distempers, it is a very excellent thing: It cools Inflammations, quenches Thirst, moistens a dry Body, and sweetly refrigerates. Dose ab ʒi, ad iii.

38. *Liquor Tartarus Mynsichtii*, Mynsichts Liquor of Tartar.

Be of the best Rhenish Wine ʒj. Tartar vitriolate ʒj. mix and dissolve: then add Barley-broth boyled with Currans and Cinnamon, Syrup of the juice of Violets, A. ʒss.

Salmon.) 'Tis an universal digestive, and given as a preparative to purging Physick: give it in the morning fasting, before Dinner, and two or three hours after Supper. Dose is a good draught at a time. It also refreshes in Fevers.

OF LIQUORS called EMULSIONS.

39. *Emulso Antipthistica*, Milk against Consumptions.

Be Pine-nuts cleansed, Pistach-

nuts, A. ʒss. beat them well in a Mortar, adding clarified Whey of Goats milk (in which Snails Newj. have been boyled) ʒiiss. being well beaten, strain, and then add Syrup of the juice of Colts-foot.

Salmon.) The Title shews the Virtues: it is an exceeding good Pectoral, stops Catarrhs and Coughs, helps difficulty of breathing, Ulcers of the Lungs, and spitting of Blood: it absterges, cools, moistens, nourishes and heals: of it the Sick may drink at pleasure.

An Emulsion is a moist Medicine like Milk, made of the Kernels of Fruits and Seeds which have a milky juice, with proper Liquors. Any liquor may draw forth the juices of those things; but given inwardly, you must use such things as are both pleasant and proper, as distill'd Waters, Milk, Whey, Broths of Bread, of Barley, of Pulse, of Hartshorn, of Flesh, of Raisins, of Jujubes, of Fish, boyled with Liquorice and strained. The proportion of the quantity of the Liquor is more or less, as you will have the Emulsion thicker or thinner: The way of making them is thus: Take milky things, as Almonds, the greater and lesser cold Seeds, white Poppy-Seed, Purslane, Lettice, Carduus Seeds, Hemp-seed, Seeds of Violets, Turneps, Columbines, Limons, Oranges, Citrons, Peony, Pine-nuts, Pistachies, Peach-Kernels, Hazle-nuts, Filberds, Chest-nuts, Quince-Seeds, &c. Beat them in a Stone mortar, adding a little Liquor by degrees, least they grow Oily by beating, then adding half the

liquor, strain it: the ſæces beat again, and putting it to the other half of the Liquor, ſtrain once more, which if unpleaſant, you may ſweeten with Sugar, Syrup, Rouls, Manus Chriſti, juyce of Liquorice, Juleps of Violets, Roſes, &c. But beware of acid things for they will cauſe the Emulſion to curdle.

40. Emulſio Amygdalarum dulcium, Milk of Sweet-Almonds.

Re Sweet Almonds blanched lbſs. Barly Broth a quart, beat them to an Emulſion.

Salmon.) It nouriſhes, is good againſt Conſumptions, and cures Ulcers of the Lungs.

41. Emulſio Amygdalarum dulcium Compoſita, Milk of Sweet Almonds Compound.

Re ſweet Almonds blanched ʒj. Pine Nuts ʒſs. ſeeds of Citruls, Gourds, Melons, Cotton, A. ʒiij beat with Decoction of Fajubes and Raiſons lbj. Sugar ʒiij. make an Emulſion for four Doſes.

Salmon.) It cures Diſeaſes of the Breſt and Lungs, and helps ſpitting of Blood.

42. Emulſio Nephritica, Milk to purge the Reins.

Take ſeeds of Violets ʒvj. or ʒj. with water of Pauls Betony make an Emulſion.

Salmon.) It cleaſes and cools the Reins, and makes the paſſages of the Urine ſlippy.

43. Emulſio ad Renem ardorem Hoſij, Milk for the heat of the Reins.

Re of the four greater cold ſeeds, A. ʒſs. ſeeds of Lettice and white Poppies, A. ʒvj. with ſpring water or Barly broth lbj. ſyrup of water Lilly ʒiij. make an Emulſion.

Salmon.) It quenches the heat of the Reins, and takes away ſharpeſſ of Urine.

44. Emulſio ad Urinæ acrimoniā, Milk for ſharpeſſ of Urine.

Re Almonds infuſed in Roſewater ʒij. ſeeds of Melons and white Poppies, A. ʒj. boyled Barly ʒij. with Barly broth lbſs. and julep of Roſes ʒij. make an Emulſion.

Salmon.) The Title ſhews the Virtues, being cooling and Anodyne.

45. Emulſio ad Gonorrhæam Virulentem Hreſij, Milk for the Running of the Reins.

Take Ducks meat, Lettice ſeed A. ʒij. ſeeds of Purſlane and Plantane, A. ʒj. of the four greater cold ſeeds ʒſs. with Poppy water lbj. ſugar of Roſes ʒiij. make an Emulſion.

Salmon.) It is excellent for the intention, and will ſerve for ſix Doſes, giving it every Morning.

46. Emulſio Expulſiva, Milk expelling or driving out.

Take ſeeds of Columbines, Turneps A. ʒij. water of Fumitory, Goats-Rue, Columbines, A. ʒſs. make an Emulſion, adding ſyrup of Violets ʒſs.

Salmon.) It is excellent to drive out the Small Pox, and Meaſles, and cool the heat of Feavers.

47. Emulſio Antiſebricitica, Milk againſt Feavers.

Take of the four greater cold ſeeds ʒiij. Hemp ſeed ʒij. white Poppy ſeed ʒj. Gelly of Hares-horn, Poppy water, A. ʒxx. with ſyrup of Corn Poppy ʒij. make an Emulſion.

Salmon.) It is excellent good in

in burning Feavers; Pestilential Diseases and Pleurifies.

An Appendix concerning Artificial Medicinal STONES.

Although Stones vastly differ in form and substance from Liquors, and therefore may be thought to have no affinity with them; yet because these our Medicinal Artificial Stones are generally converted into liquors for use, or before they are used; we conceive it proper to place them here.

48. *Lapis Admirabilis Mynsichti*, Mynsichts admirable Stone.

Re Alum ℥ij. white Vitriol, Verigrise, A. ℔ss. white Tartar, Litharge, bone of the Cuttle Fish, Ceruse, A. ℥ij. beat all into a subtile powder, mix, and over a gentle heat evaporate, till it comes to a dry Stone.

Salmon.) Its an ingredient in Mynsichts Liquor Antipodagricus, at R. 34: dissolved in water and assist with it, it cleanses and heals old Ulcers and Sores.

49. *Lapis Medicamentosus Crollii*, Crollius his Medicinal Stone.

Take Green Vitriol ℔j: white Vitriol ℔ss: Alum ℔ss: Sandivier (from Glass) Salt ana ℥ij: Tartar, Crystals of Wormwood, Mugwort, Succory, Arsmarr, Plantane, ana ℥ss: put them into a glass with little Rose-water, boyl them over gentle fire, stirring often, when it grows thick add Ceruse ℔ss: ole Armoniack ℥ss: mix all as before fire till they grow like a Stone, then break the Vessel and take it out.

Salmon.) Dissolved in water

(℥j. of the Stone to ℔j. of water) and then filtered, it is good to wash and dab an Erysipela's with, as also, Scabs, Scalds, Itch, Morpew, &c.

50. *Lapis salutis Hartmanni*, Hartmans Stone of Health.

Take Alum ℥iv: Hungarian Vitriol ℥ij: white Vitriol, Tartar, Borax, Mastich, Frankincense, Salt, sal Armoniack, ana ℥j: Ceruse ℥vj: Bole ℥ij: beat them grossly, and boyl them in a glazed Vessel with the strongest Vinegar. Or thus, Take Vitriol ℔j: Niter ℔ss. Ceruse, Alum, Bole, ana ℥ij: sal Armoniack ℥ss. beat and boyl them in Water and Vinegar, till they are as hard as a Stone. Or thus, Take Alum, Myrrh, ana ℥ij: white Vitriol Sandivier, Ceruse. A. ℥ij: Frankincense ℥j: Bole, Verdigrise, ana ℥ij: grind them together, and boyl them to a Stone with Vinegar.

Salmon.) It has the virtues of the former, and to be used in like manner.

51. *Lapis Admirabilis Schroderi*, Schroders wonderful Stone.

Take white Vitriol and green, fine Sugar, Niter, ana ℔ss. Salt, sal Armoniack, ana ℥ss. Crude Alum ℥iv. Camphir ℥j. powder them fine and mix them with Olive pickle, till it is like Honey, then boyl it gently to a Stone.

Salmon.) The Virtues, Use and Administration, are the same with Crollius his Stone.

52. *Lapis Rubrum*, The red Stone.

Take Roman Vitriol, white Vitriol, ana ℔ss. Alum, Litharge, Lapis Calaminaris, ana ℥ij: white Tartar, sal Armoniack, com-

mon Salt, ana ℥ss: Ceruse of Venice ℔ss: Bols ℥iv: mix and Boyl them as hard as a Stone.

Salmon.) This may supply the place of Mynsicht's *Lapis Admirabilis*, but its more especial Virtues you may search out at sect. 67. cap. II. lib. 3.

53. *Lapis Vegetabilis*, The Vegetable Stone.

Take a dry plant, digest it with its own distilled water: draw from it the flegm, spirit, and Oyl; from the faeces extract a salt (by calcination) with the flegm: then draw a Tincture from the same kind of Herb with the spirit; impregnate the Salt with the Tincture, and

add as much of the Oyl, as the salt so impregnated can swallow up, then coagulate like a Stone.

Salmon.) It has all the Virtues of the Herbs exalted from whence it is extracted.

54. *Lapis Arseneti seu Magnes Arsenicalis*, The Arsenical Magnet.

Take white Arsnick, yellow Brimstone, crude Antimony, and powder and melt them at a gentle fire, then take out the matter being cold, and it will be hard.

Salmon.) It is put into Hartmans Magnotick Plaster; as also hung about the Neck as an Amulet against the Plague.

CHAP. XII.

Of WINES Physical.

I. *Vinum Absinthites*, Worm-wood Wine.

Colledge.) Take dried Worm-wood, M. j: Wine, Gal. j. put it into a Vessel and stop it close, letting it remain in Infusion.

Salmon.) The Wine here to be used ought to be Rhenish Wine or Canary: The intention of this Wine is to warm and strengthen the Stomach, cause Appetite, prevent the Dropsy and Cachexia. It expels Wind, helps the Cholick, and kills Worms. The best way of taking of these wines, is to drink a draught of them every morning fasting. Where more,

That these Wines retain the Virtues of the Simples of which they are made, but are far better and fitter for cold Bodies and weak Stomachs than the crude Simples themselves are.

Colledge.) In the same manner are prepared.

2. *Vinum Anthosatum*, Wine of Rosemary-flowers.

Salmon.) It comforts and strengthens the Head, Stomach and Heart; is good against Epilepsies, Megrims, Vertigoes, Apoplexies, Fainting and Swooning Fits, Sickness and Illness of the Stomach.

3. *Vinum Euphragiatum*, Wine of Eye-bright.

Salmon.) It is very good to clear and strengthen the Head and Eye-sight.

4. *Vinum Cerasorum Nigrorum*, Wine of Black Cherries.

Colledge.) *Be* *Juyce of black-Cherries Gal. j.* keep it in a Vessel close stopp till it begins to ferment: then strain and adding an ounce of sugar to every pound, let it pass through Hippocrates his sieve, and keep it in a Vessel close stopp for use.

Salmon.) Fermentation is the breaking of the Natural band of corruption and Heterogenity, that those things that are not brought under one power and life may be separated; and it is helpt several ways. 1. By external and actual heat. 2. By Potential heat, viz. of Salt of Tartar, Sugar, Honey, Yest, Leven, &c. These things containing in themselves (in little room) an inward spirit and life in a large measure, which is the Potential and invisible fire, by which other bodys with whom they are united are actuated, and the band of Corruption burst, broken or destroyed, whereby the Spiritual part or life arises and gets dominion; and without which, because the said life is hid, or as it were chained and fettered, the whole Mass seems to be a dead thing, and the product of Putrefaction. Hence the necessity of Fermentation appears; after which the gross and putrid juyce becomes a pure Wine, replent with an incorruptible Spirit, standing

then in an active operative and living nature, whereas it lay before only in the passive property and deadness. This black Cherry Wine is good against Epilepsies, Apoplexies, Convulsions, dead Palsies, and all other Diseases of the Head: give a little draught at a time. If you mix it with a little Spirit or Tincture of Castoreum, 'twill be so much the better, and then becomes very powerful against fits of the Mother: take it in the morning fasting.

5. *Vinum Elleboratum*, Hellebored Wine.

Colledge.) *Be* *white Hellebor, cut into small bits ℥iv.* of the best Spanish Wine ℔ij. steep it in the Sun in a Vial close stopp, during the Dog-days or other hot weather.

Salmon.) 'Tis a Vomit, and only to be given to strong Bodies; 'tis excellent against Epilepsies, Madness and Hypochondriack Melancholy, with such other Diseases as proceed therefrom: you may give about half a spoonful with ℥j. of Oxy-mel, mixt with Platerus his Walnut-water in the morning fasting.

6. *Vinum Rubellum*, Vomiting Claret.

Colledge.) *Be* *glass of Antimony in powder ℥j.* Cloves sic ℥ij. Claret Wine ℔ij. keep it in a Vial close stopp.

Salmon.) This is not so churlish a Medicine as the former, yet a very strong Vomit, given against Agues, Melancholy and Madness: Dose ℥ss. with as much Oxy-mel of Squills in the morning fasting.

7. *Vinum Benedictum*, Wine with Crocus Metallorum.

Colledge.) *R* Crocus Metallorum in powder $\mathfrak{z}\text{ij}$. Mace $\mathfrak{z}\text{i}$. Spanish Wine lbss . digest.

Salmon.) This is yet a gentler Medicine than the former; being a good Vomit, and having all the Vertues of Antimony. Dose *ab* $\mathfrak{z}\text{ss}$. *ad* $\mathfrak{z}\text{vi}$. or $\mathfrak{z}\text{ij}$. and to some strong and rustick persons you may give to $\mathfrak{z}\text{iss}$. with $\mathfrak{z}\text{ss}$. of Vinegar of Squills.

8. *Vinum Antimonial*, Antimonial Wine.

Colledge.) *R* *Regulus of Antimony* in powder $\mathfrak{z}\text{iv}$. White Wine lbss . digest them in a Vessel close stopp'd: after the first shaking let the *Regulus* settle.

Salmon.) It is an excellent thing in Feavers and Agues, and against Obstructions of Stomach, Lungs, Liver, Spleen & Womb; emptying those parts of all evil humors: It stops Rheums, taking away Melancholy. cures Vertigo's, Megrims, Palsies, Kings-Evil, ulcerous Sores and Fistulas: It perfectly cures the Falling-sickness, Convulsions, Cramps, Gout, Sciatica & Lameness: It is excellent against Drop-sies, pains of the Bones and Nerves. It purifies the Blood, restores lost Appetite, cures the Green-sickness, the Whites, Bloody Flux, gripings and pains in the Guts. Dose $\mathfrak{z}\text{ij}$. more or less, according to the age and strength of the Patient, observing the same as in the former. 'Tis a good innocent Vomit.

9. *Vinum Chalybeum*, Steel-ed Wine.

Colledge.) *R* Steel prepared $\mathfrak{z}\text{ij}$.

Saffron powdered (and inclosed in a Noddle) grviii . White wine lbij infuse in a cold place for three or four days, stirring of it oftentimes in the mean season, by shaking or turning the Vessel upside down: then strain it through Hypocrateres his Sleeve, and keep it for use.

Salmon.) It opens all Obstructions, provokes the Terms, cures the Cachexia and Green-sickness, having all the Vertues of Finkius his steeld Wine (in Lib. 3. Cap. 4. Sect. 18.) Dose $\mathfrak{z}\text{iii}$. or iv . in the morning fasting, using exercise after it.

10. *Vinum Scillicum*, Wine of Squills.

Colledge.) Take of the white Mountain Squills, gathered about the rising of the Dog-star, cut in thin pieces and dried for a month lbj . put it into a glass Vessel, and pour upon it old French Wine lbviii . digest 40 days, then take out the Squills.

Salmon.) It is Emetick, but taken in the morning fasting, preserves health, by evacuating of the evil humors: it opens Obstructions, causes a good digestion, a sharp sight and a merry Heart: This is better than the Vinegar for cold Stomachs, and may be given *ab* $\mathfrak{z}\text{ij}$. *ad* $\text{ii}\mathfrak{j}$. or more. It cures the Falling-sickness, Megrims, Gout and Green-sickness.

WINE S added by the Author.

11. *Vinum Antiscorbuticum Myrsichti*, The Scorbutick Wine.

R Rhenish Wine lbiv . Juices of Scurvy-Grass, Water Cresses, Brook-

Brook-lime, Sorrel, all depurated A.
 3iv. Roots of Horfe-Radish, of Ele-
 campane, of Flower-de-luce, (cut
 into thin slices) A. 3iss. seeds of
 Rocket bruised 3i. mix them in a
 glass Vessel and reserve it in a cold
 place for use, adding Nutmegs N^o ii.

Salmon.) It universally evacuates all evil humors, curing the Scurvy to a wonder in 15 or 20 days taking of it. It is a perfect and infallible experiment to purify the Blood, being taken Morning and Night, ab 3iil ad v.

12. *Vinum ad visum*, Wine for Dimness of Sight.

R^x Roots of Avena 3iii. leaves and flowers of Eye-bright, M. iiij. of Betony M. ii. of Sage, Rosemary, Marjoram, A. M. i. Carduus ben. M. ss. Cinnamon 3iii. cut and bruise, and infuse in 15xv. of Rhenish Wine.

Salmon.) It clears the Sight by taking away the Obstructions from the Optick Nerves. Dose a draught every morning fasting.

13. *Vinum purgans* Horslij, A purging Wine.

R^x Sena 3ss. Cinnamon bruised 3ss. Cloves N^o vj. Rhenish Wine 15ss. mix and infuse 3 days, then decant and add a little sugar.

Salmon.) 'Tis an excellent thing to purge the Bowels of Flegm and watery humors, given for 3 or 4 mornings together. Dose 3 or 4 Spoonfuls.

14. *Vinum Hypocriticum Commune*, Common Hypocras.

R^x White or Red Wine, 15x. Cinnamon 3iss. Cloves 3ii. Cardamoms, Grains of Paradise, A. 3iv. Ginger 3iii. digest the spices being grossly bruised 24 hours: then add white Sugar 15ss. which being dissolved, strain and keep it for use.

Salmon.) It is a great Cordial, comforts, strengthens and warms a cold and weak Stomach, and rectifies most distempers of the Head.

15. *Vinum Anti-epilepticum*, Wine against the Falling Sickness.

R^x Mans skull rasped 3ii. Mistletoe of the Oak sliced 3iss. Flowers of Peony, of Lilies Convals, of the Tile Tree, A. P. iv. Cinnamon 3ss. Nutmegs 3iii. Spanish or Rhenish Wine so much as to over-top all the breadth of six fingers, digest seven days in B.M. straining of it three or four times, and adding a little Sugar.

Salmon.) The Title shews the Vertues, being both a preservative, and a cure. Dose a draught in the morning fasting.

16. *Vinum Antopilepticum* Horslij, Apoplectick Wine.

R^x Flowers of Lavender, of Sage, of Rosemary, A. P. v. Jun per. berries 3ii. steep them in Rhenish Wine q. s. ten days, then strain.

Salmon.) After general evacuations, exhibit this Wine 3 or 4 Spoonfuls at a time in the morning fasting, and at Night going to Bed.

17. *Vinum Zedoaria Compositum*, Zedoary Wine Compound.

R^x Zedoary 3ij. Cinnamon, Cloves, Mace, Nutmegs, 3iss. Ginger 3i. Pepper 3ii. bruise all grossly, and tye them up in a Noddle, which infuse in Rhenish or Canary Wine ten days, then strain.

Salmon.) It strengthens and fortifies the Head, Stomach and Heart, beyond many other medicines: give two Spoonfuls before meals.

18. *Vinum contra Contagiosum aerem*, Wine against Contagious Air.

℞ *Leaves of Scordium*, M. vj. of *Carduus ben. Rue*, *Pauls Betony*, A. M. iv. *Pimpernel red*; *flowers of Hypericon*; of *Sage*, of *Scabious*, A. M. iii. *roots of Zedoary*, *Galangal*, *Swallow-wort*, *Tormentil*, *Angelica*, A. ℥ii. *roots of Gentian*, *Devils-bit*, *Burnet*, *white Dittany*, *Elicampine*, A. ℥j. *Cinnamon* ℥vi. *Cloves* ℥iv. *Saffron* ℥ii. cut, bruise and macerate them in *Rhenish Wine*.

Salmon.) It is used both as a preservative and cure against the Plague and all Pestilential, Malign and Epidemical Distempers; reviving the Spirit defending the Heart, and comforting all the principal Members.

19. *Vinum Antiepilepticum Myrschii*, Myrsch's Epileptick Wine.

℞ *Sena* ℥ii. *Turbith Mechoacan*, ana ℥ss. *rassp of Elks-horn* and *Mans skull*, *Nutmegs*, ana ℥ii. *roots of the Oak*, ana ℥ss. the lesser *Cardamoms*, *Cassia Lignea*, *Cloves*, A. ℥j. *flowers of the Male Peony*, of *Lilly-Convuls*, of *Lavender*, of the *Tile-tree*, ana ℥ss. *Rhenish Wine* ℥xxxvi. digest in a warm place two days, then strain and sweeten with *white Sugar* ℥iii.

Salmon.) Myrsch says, it is a Divine Remedy against the Falling sickness; and manifold experiences have confirmed it to be a singular remedy against most Diseases of the Head. Dose ab ℥iii. ad iij. in the morning fasting.

20. *Vinum Antapoplecticum Myrschii*, Myrsch's Apoplectick Wine.

℞ *Sena* ℥ii. *Turbith* ℥j. *Juniper berries*, *Zedoary*, A. ℥ss. *Agarick*, *black Hellebor* prepared, ana ℥ii. *Galangal the less*, *Cubeb*, *Ginger*, *Cinnamon*, ana ℥j. *flowers of Lavender*, *Cowslips*, *Marigolds*, *Lilly-Convuls*, ana ℥ss. *Rhenish Wine* ℥xxxvi. digest two or three days in B. M. with a boyling heat, strain and add *Sugar* ℥iv.

Salmon.) In the Apoplexy, Palsy, Lethargy, Carus, Coma, and other sleepy Diseases, loss of Memory, and the like affects of the Brain, it is an admirable Medicine. Dose ab ℥ii. ad iv. or v. in the morning.

21. *Vinum Pectorale Salmoni*, Our Pectoral Wine.

℞ *Rhenish wine* ℥iv. *Salt of Tartar*, *Aniseeds*, *Corianderseeds*, *Caramays*, ana ℥j. being bruised, digest 10 days, then strain; to the strained Liquor add *Spanish juyce of Liquorice* ℥iv. dissolve in B. M. and being thoroughly settled, decant the clear Liquor for use.

Salmon.) It is an admirable Pectoral, curing most Diseases of the Lungs and Breast; as the inveterate Cough, Asthma, Pleisick, Peripneumonia, palas of the Sides and Stomach, and affect of both Liver and Spleen. Dose ab ℥j. ad ii. or iij.

22. *Vinum Rhabarbaratum Myrschii*, Wine with Rhubarb.

Take *Sena* ℥ii. *Rhubarb* ℥j. *roots of Scorzonera* ℥ss. *leaves of Harts-tongue*, of *Liver-wort*, *Parley*, A. ℥iii. *Galangal the less*, *Cassia ligna*, *Ginger*, *Cloves*, A. ℥j. *flowers of the lesser Centory*, *white Liver-wort*, *red Roses*, *Chicory*, ana ℥ss. *Saffron*, *Epithimum*, ana, ℥j. *Rhenish Wine* ℥xxxvi. digest three days

in a boyling B. M. then add Sugar
 ℥iv. strain and keep it for use.

Salmon.) It purges Choler and
 Melancholy, from the Stomach,
 Liver and Spleen, purifies the
 Blood, rectifies Diseases thereof,
 and cures the Dropsy, Jaundice,
 Scurvy, Hypochondriack Melancholy,
 tumors and pain of the Spleen,
 Fevers, &c. Dose ℥iv. with Tar-
 tar Viriolate ℥i.

23. *Vinum Epilepticum Erasti*,
 Erastus his Epileptick Wine.

℞ Wormwood, Carduus, Betony,
 Agrimony, Vervain, Spleenwort, Ta-
 marisk, A. M. j. Roots, Leaves and
 Seeds of Penny, A. ℥ii. Roots of Ca-
 pers, Seeds of Citrons, A. ℥ss. leaves
 of Sena ℥ii. Turpeth, Agarick sliced
 A. ℥ss. Cinnamon, Ginger,
 Mace, Galangal, A. ℥ii. old Rhenish
 wine, ℔ix. mix and digest in B. M.
 then strain for use.

Salmon.) Give a little draught
 every morning fasting: It is also
 prevalent against the Palsy, Con-
 vulsions and Lethargy.

24. *Vinum ad Memoriam Mylij*,
 Wine to strengthen the Memory.

Take Anacardiums, Ginger, long
 Pepper, Galangal, A. ℥j. Cinna-
 mon, Cloves, Cubebs, Nutmegs, A.
 ℥vj. Cardamoms, Grains of Para-
 dice, A. ℥ss. Rhenish wine impreg-
 nated with Ants ℔iv. bruise, di-
 gest, sweeten and strain.

Salmon.) Besides what is signi-
 fied in the Title, it is good against
 most affects of the Head, and
 all cold, stegmatick and sleepey
 Diseases.

25. *Vinum Stomachicum Mylij*,
 Mylius his Stomach Wine.

℞ Cinnamon ℥iss. Cloves, Mace,
 Nutmegs, A. ℥ss. Seeds of Anise
 and Coriander, Ginger, ana ℥ii.

White Sugar ℔j. Rhenish Wine, ℔v.
 mix, digest and strain.

Salmon.) It comforts and warms
 a cold and weak stomach, causes a
 good appetite and digestion, takes
 away fainting Fits and rectifies
 most Distempers of the Head and
 Brain. Dose three spoonfuls or
 more.

26. *Vinum purgans Mynsichti*,
 Mynsichts purging Wine.

Take Sena ℥ij. Flower-de-luce
 Root ℥j. Mechoacan, Hermoadacts,
 Turbith, A. ℥ss. leaves of Agrimony
 Hares-tongue, Rauls Betony, A. ℥ii.
 Seeds of Fennel and Anise, A. ℥iss.
 Cassia Ligna, Cloves, Ginger, Car-
 damoms min. A. ℥j. Bawm, Bor-
 rage, Sage, A. ℥ss. infuse all 24
 hours in a boyling B. M. in a suffi-
 cient quantity of old Rhenish wine,
 strain, and to every ℥xvj. add and
 dissolve of Calabrine Manna ℥iv.
 strain again and add Cinnamon wa-
 ter ℥i. Elaeosacharum Citri ℥j.

Salmon.) It purges slegm from
 the Joynts; is good against the
 Head-Ach, Epilepsy: it stops old
 Catarrhs, and is profitable against
 the Gour, Cholick, pains of the
 Reins, and the like. Dose ab ℥ii.
 ad iv.

27. *Vinum Antinephriticum Myn-
 sichti*, The Stone-breaking Wine
 of Mynsicht.

Take whole Barly, Red Citers. A.
 ℥iss. Roots of Rst-barrow, of E-
 ryngo, Liquorice, ana ℥j. Roots of
 Stone-Parsly ℥ss. Juniper-berries
 bruised, Winter Cherries, ana ℥j.
 Grumwel seeds, Haws, seeds of Mal-
 lows and Marsh-mallows, A. ℥iss.
 Flowers of Troom and Violets, ana
 ℥i. dried Figs and Sehestens, ana
 No. xii. Infuse all in thin Rhenish
 wine and Rain water, ana ℔iiij.

for

for 24 hours, then boyle to the consumption of a third part, to which add white sugar $\mathfrak{z}\text{iv}$. and strain it for use.

Salmon.) It is of great use in Diseases of the Reins; it provokes Urine and the Terms, breaks, dissolves, and expels the Stone, whether in the Reins or Bladder; and opens and dissolves all slimy and tartarous matter obstructing those passages; Dose every morning fasting, a good draught.

28. *Vinum Chalybeatum Mynsichti*, Mynsichts Steeleed Wine.

\mathcal{R} Malago Wine $\mathfrak{lb}\text{ij}$ Steel prepared with juyce of Tamarinds $\mathfrak{z}\text{j}$. root of Scorzonera, Tartar Vitriolate, \mathcal{A} . $\mathfrak{z}\text{iss}$. Galangal the less, Cissa Lignea, Cloves, \mathcal{A} . $\mathfrak{z}\text{j}$. put them all into a glass, digesting in a warm place, and often shaking it for two or three days, strain through Hypocrates his sleeve, so have you Steeleed Wine.

Salmon.) It opens all obstructions of the Liver, Spleen, Womb, Mesentery and Meseraick Veins: It provokes the Terms, expels Wind, dissolves Hydrotical humors, cures the Cachexia, weakness of the Stomach, want of Appetite, ill digestion, and the Green-sickness. Dose \mathfrak{ab} $\mathfrak{z}\text{j}$. \mathfrak{ad} iiij . Morning and Evening; where the Terms are stopt in young People, give it five or six days before the new Moon, but in older Women, as many days before the Full, continuing the use thereof till they appear.

29. *Vinum Stomachicum Mynsichti*, Mynsichts Stomach Wine.

\mathcal{R} Cinnamon $\mathfrak{z}\text{j}$. Mint $\mathfrak{z}\text{ss}$. Massich, Galangal min. Cloves, \mathcal{A} .

$\mathfrak{z}\text{ij}$. Calamus Aromaticus, Cardamoms min. Ginger, \mathcal{A} . $\mathfrak{z}\text{j}$. wood of Aloes, roots of Burnet, Zedoary \mathcal{A} . $\mathfrak{z}\text{ss}$. Malago Wine $\mathfrak{z}\text{xxxij}$. digest in B.M. till the Tincture is extracted, then strain.

Salmon.) It warms and comforts the Stomach, and is a specifick against Trembling, Fainting and Swooning fits, and Vomiting. Dose a little draught, with a few drops of spirit of Vitriol mixt, Morning and Evening.

30. *Vinum Juniperinum Mynsichti*, Mynsichts Juniper Wine.

\mathcal{R} S.V. Juniper sized $\mathfrak{lb}\text{ij}$. waters of Elecampane, roots of Coltsfoot, Lohoch sanum, \mathcal{A} . $\mathfrak{lb}\text{j}$. Cinnamon $\mathfrak{z}\text{ii}$. whole Cloves $\mathfrak{z}\text{ss}$. digest some days, then strain through Hypocrates his sleeve, sweetening it with white Sugar Candy $\mathfrak{z}\text{xvj}$.

Salmon.) It cures Asthma's, Coughs, and other Diseases of the Breast and Lungs, weakness and inflammation of Stomach, and is prevalent against the Disury, Stranguria and Stone. Dose three Spoonfuls in the morning fasting.

31. *Vinum sacrum Mulleri*, The Holy Wine (so called.)

\mathcal{R} Canary $\mathfrak{lb}\text{xv}$. Guajacum, Sarsaparilla, \mathcal{A} . $\mathfrak{z}\text{ijss}$. Sena $\mathfrak{z}\text{iii}$. Polyphy $\mathfrak{z}\text{ii}$. cut and stamp them to be macerated in B.M. for 24 hours.

Salmon.) It is excellent against cold Diseases; as Palsies, Cramps, Convulsions, and a Cacoehymick disposition of Body, especially against an old and confirmed French Pox. Dose morning and evening $\mathfrak{z}\text{viij}$.

32. *Vinum Arthriticum Schroderi*, Schroders Gout Wine.

℞ *Germander*, ground *Pine*, tops of *Sage*, ana ℥ss. Flowers of *Primrose*, *Rosemary*, Lilly *Convalls*, A. ℥ss. raspings of *Guajacum* ℥viii. Mistle of the *Oak* ℥ss. Chips of *China* ℥ij. New Wine ℥lxxx. digest ten days in a gentle heat.

Salmon.) Let the Wine be *Rhenish*: It is also good against the *Sciatica* and *Rheumatism*.

33. *Vinum Uterinum Schroderi*, Schroders Wine for the Womb.

℞ *Bawm*, *Penny Royal*, *Maidenhair*, *Sage*, *Calamint*, *Mugwort*, A. M. ss. *Schenanth* ℥ss. *Maragolds*, *Wall-flowers*, A. P. ij. *Nutmegs*, *Mace*, *Cubebs*, *Cardamoms*, *Grains*, *Zedoary*, A. ℥j. *Canary* ℥iv. Sugar q.s. digest and strain.

Salmon.) It cures Fits of the Mother, provokes the Terms, and strengthens the Womb.

34. *Vinum Anisatum Mynsichti*, Mynsichts Anisated Wine.

℞ *Spirit of Wine anisated* ℥ij. waters of *Loboch sanum*, *Hore-bound*, *Violet Flowers*, A. ℥j. *Cassia Lignea*, *Mace* cut small ℥ss. digest 8 days: sweeten with white sugar Candy ℥xii. then strain through *Hypocrates* his sieve.

Salmon.) It is an excellent Pectoral, good against all Diseases of the Breast and Lungs, as Coughs, Cold, Asthma's, Phthisicks, Obstructi-

ons, Wheezing, &c. Dose ℥ij.

35. *Vinum Cephalicum Schroderi*, A Wine strengthening the Head.

℞ roots of *Avens* ℥ijss. of *Suc-cory* ℥ss. of *Elecampane* ℥j. *Cetrach*, *Pauls Betony*, *Carduus*, *Liverwort*, *Centory* the less, A. M. ss. dried *Orange* peels ℥ss. ℥ii. cut the Herbs, bruise the roots and barks, and infuse them in a Gallon of *Rhenish Wine*.

Salmon.) It is excellent in curing of Catarrhs, rectifying of Distempers of the Head, Liver and Spleen, and curing of Diseases of the Lungs.

36. *Vinum Antipodagricum*, Mynsichti, Mynsichts Gout-Wine.

℞ *Hermodactyls*, *Sena*, A. ℥j. *Turbit*, *Mechoachan*, A. ℥j ss. leaves of *Gout Ivy*, *Vervain*, A. ℥ii. seeds of *Pennel*, *Anise*, A. ℥ss. *Cardamoms*, *Cinnamon*, *Mace*, *Saffron*, A. ℥j. flowers of *Violets*, *Mullein*, *Rosemary*, *Flower de-luce*, A. ℥ss. thin *Rhenish Wine*, ℥xxxvj. digest in B. M. for two days: after boyl a little, then strain, and sweeten with white sugar, ℥iv.

Salmon.) It draws thick tiegm from the Joynts and remote parts, is prevalent against the Gout, and several affects of the Stomach, Liver and Spleen: Dose ℥ij. with Crystals of Tartar ℥j. taken in the morning fasting for some days.

CHAP. XIII.

OF VINEGARS.

7. **Acetum Distillatum**, Distilled Vinegar.

Colledge.) *Re of the best Vinegar a sufficient quantity; fill a Glass or Earthen Alembick to the third part; put the Vessel upon Asbes, and distil first with a gentle fire, that the flegm may be separated, then by degrees augment the fire and perform the work.*

Salmon.) It attenuates, incides, discusses, represses, cools, and has all the properties of Vinegar, but more intense and strong. It is used as a Menstruum to perform Chymical Extractions with. See lib. 1. cap. 9. sect. 1. § 1.

2. **Acetum Rosaceum**, Vinegar of Roses.

Colledge.) *Re of red Rose Buds gathered in a dry time, the whites cut off and dried in the sun lbj. Vinegar lb xij. set them in the sun 40 days: then strain out the Vinegar, and repeat the infusion with fresh Roses.*

Salmon.) It comforts the Head and Stomach, represses inflammations, and cools the heat of Fevers, whether used outwardly or inwardly.

Colledge.) *After the same manner are prepared;*

3. **Acetum sambucinum**, Vinegar of Elder-flowers.

Salmon.) It is good against the Scurvy, and Dropsy, and to expel watery Humors.

4. **Acetum Ansothisum**, Vine-

gar of Rosemary Flowers.

Salmon.) Its excellent against Epilepsy, Apoplexy, Vertigo, Megrim, and most other Diseases of the Head, especially Sleepy and drowly Diseases.

5. **Acetum Caryophyllatum**, Vinegar of Clove-Gilliflowers.

Salmon.) It is an Excellent cordial in all hot Distempers, it strengthens the Stomach, and takes away Vomiting.

6. **Acetum Scilliticum**, Vinegar of Squills.

Colledge.) *Re of that part of the Squill which is between the outward Bark and the bottom, cut it in thin slices, and place them 30 or 40 days in the Sun, or some remote heat: Then a pound of them being cut small (with a knife made of some white Wood or Ivory) and put into a Vessel, put thereto of the best Vinegar lbvi. the Vessel being close stopp'd (that nothing may exhale) set it in the sun for 30 or 40 days, after which strain and keep the Liquor in a Vessel close stopp'd for use.*

Salmon.) Galen commends this Medicament to be very wholesome, and that it preserves the Body sound and healthful to extreme old age: It causes a good digestion, a long wind, a clear voice, a sharp sight, and a good complexion, suffering no evil matter to remain in the Body, whether wind, water, flegm,

phlegm, choler, melancholy or excrement. It cures the Phthick, hardness or Obstruction of the Liver and Spleen, Asthma, Peripneumonia's, Pleurisy, Catarrhs, Falling-sickness, Apoplexy, Megrin, Vertigo, Gout; diseases and tumours of the Joynts, bringing forth filth, although lying in the Bones. Take from one to 3 or 4 spoonfuls in a morning fasting, and walking a while after it.

7. *Acetum Theriacale Norimberg, Treacle Vinegar.*

Colledge.) R. *Celandine roots* ℥iiss. *roots of Angelica, Masterwort, Gentian, Bistort, Valerian, Burnet, white Dittany, Elecampane, Zedoary, A. 3j. roots of Plantane, 3jss. leaves of Mouse-ear, Sage, Scabious, Scordium, Dittany of Creet, Carduus, A. M. ss. peels and seeds of Citrons. ana 3jss. Bole 3j. Saffron 3iiii. Harts-tongue 3j ss. of these let the Harts-tongue, Saffron, Dittany and Bole be tyed up in a rag, and steeped in the things before mentioned in Vinegar ℔v. for some days, in a glass Vessel close stopd, and in a temperate heat: then strain, after adding of the best Treacle, 3vi. shake them often together, and keep them for use.*

Salmon.) This is taken from the Augustan Dispensatory, with some little alterations viz. they have left out Juniper-berries 3ii. Walnuts 3ii: yellow Sanders 3ss. and added in room thereof leaves of Mouse-Ear, Sage, Scabious, A. M. ss. Bole 3j. Saffron 3iii. Moreover in the composition of this Medicine, if you take distilled Vinegar instead of simple Vinegar, you will do

much the better, for that has a greater power in extracting and drawing out the Virtues of the Simples: simple undistilled Vinegar presently corrupts, but the Spirit of Vinegar (and Medicines made with it) always remains pure and uncorruptible, the which (even to the Apothecary) is a sufficient and full recompence for his labour and charge. This note you may observe in making of all sorts of Medicinal Vinegars: Treacle Vinegar is excellent against malign Diseases, and putrefaction of humors: It provokes Sweat, and dissipates pettilential contagion, and preserving the Heart and Spirits or Vital Powers from infection: Take it inwardly from 2 spoonfuls to 4 or more; outwardly bath both the regions of the Heart and Arteries therewith.

8. *Acetum Theriacale, Treacle Vinegar.*

Colledge) Add to the Magmate of *Aqua Theriacalis* (at Sect. 16. Cap. 1. of this Book, Clove-Gilliflowers 3ii. Lavender-flowers 3jss. upon which affuse Rose and Elder-flower Vinegar, A. ℔iv. digest in Horse-dung, for 8 days, then strain through Hippocrates his sieve.

Salmon.) It has all the Virtues of the former, and of Treacle-water; only observe, that Vinegars are much more useful and advantageous in violent hot and burning Diseases. Use it as the former, and in the same Dose.

VINEGARS added by the Author.

9. *Acetum Antipilegiale,*

EX-

Ex Aug. Vinegar against the Plague.

*R*oots of *Angelica* and *Lovage*

A. $\mathfrak{z}\text{ij}$. green leaves of *Bamm*, *Rue*, *Scordium*, A. $\mathfrak{z}\text{iv}$. Fresh *Roses* $\mathfrak{z}\text{ij}$. *Juniper-berries* $\mathfrak{z}\text{iv}$. the outward rind of *Citron* peels $\mathfrak{z}\text{ss}$. being cut and bruised, Macerate them in the best Vinegar $\mathfrak{lb}\mathfrak{x}\text{ij}$. for a while, then draw off the Vinegar by distillation to dryness in a glass Alembick: to this abstracted Vinegar, put roots of *Angelica*, of *Contra yerva*, of *Elcampane*, of *Devils-bit*, of *Zedoary*, A. $\mathfrak{z}\text{ss}$. leaves of *Rue*, *Scordium*, A. $\mathfrak{z}\text{ij}$. *Saffron* $\mathfrak{z}\text{ij}$. outward rind of *Citron*-peels $\mathfrak{z}\text{ss}$. *Juniper-berries*, *Myrrh*, A. $\mathfrak{z}\text{j}$. digest in a glass Vessel, in a warm place for a week; then strain and filter, which sweeten by adding to every pound of Vinegar Hony of *Citrons* $\mathfrak{z}\text{ij}$.

Salmon.) It has all the Virtues of the Treacle Vinegar at Sect. 7. and in the same manner to be used, Dose one or two Spoonfuls.

10. *Acetum Regis Poloniae*, The King of Polands Vinegar.

Take of the best Vinegar $\mathfrak{lb}\mathfrak{x}\text{ij}$. clarified juce of *Celandine* $\mathfrak{lb}\mathfrak{x}$. *Nutmegs*, leaves and roots of *Avens*, roots of *Elcampane*, A. $\mathfrak{z}\text{j}$. roots of *Angelica*, *Zedoary*, *Juniper berries*, A. $\mathfrak{z}\text{ij}$. *Sage*. M. j. digest two days in a gentle B.M.

Salmon.) It is a powerful thing both in preservation from, and cure of the Plague, and other malign Feavers: It clears the Eye-sight also to a wonder: Dose a little draught every Morning fasting. No Man that drank this Medicine (in the great Plague Anno 1592.) was infected with it, but preserved from it, and all other Diseases.

11. *Acetum ex Ruta Compositum*, A Compound Vinegar from *Rue*.

*R*ue leaves of *Rue*, *Scordium*, *Carduus*, *Tansy*, A. Mj. *Juniper berries*, Roots of *Angelica*, A. $\mathfrak{z}\text{ij}$. *Zedoary*, *Citron* peels, A. $\mathfrak{z}\text{j}$. of the sharpest Wine Vinegar $\mathfrak{lb}\mathfrak{x}\text{ij}$. digest in a glass Vessel close stoped, and keep for use.

Salmon.) This is from *Beyerus*, and intended as an Antidote against the Plague, for which it is an excellent thing. Dose three or four Spoonfuls in the Morning fasting.

12. *Acetum Bezoarticum Sale*, The Bezoartick Vinegar of *Sala*.

Take of the best Vinegar, juce of Spanish Citrons (brought to us in Vessels) A. $\mathfrak{lb}\mathfrak{x}\text{ij}$. mix and distill in a glass B.M. the one half thereof which is *Fiegm* casting it away, then increasing the Fire, draw off the other half, to which put roots of the *Carline Thistle*, *Swallow wort*, *Valerian*, *Zedoary*, *Angelica*, the outward rind of *Citron* peels, leaves of *Scordium*, *Dittany of Crete*, *Wormwood*, red *Roses*, *Myrtle-berries*, *Cinnamon*, yellow *Sanders*, A. $\mathfrak{z}\text{j}$. rectified Oyl of *Sulphur* $\mathfrak{z}\text{ss}$. *Campbir* $\mathfrak{z}\text{ij}$. digest all (the Vessel being close stoped) in a boiling B.M. for two days, then express the Liquor for use.

Salmon.) This is designed as an Antidote against the Plague, and infection of Pestilential Diseases: in using of it, take about two Spoonfuls in the Morning fasting, either in a glass of Sack or Rhenish wine, then Bathe the Nostrils, Temples and Pulses therewith: and lastly mixt with some tenacious Body, put it into a Civet Box to smell to.

13. *Acetum compositum pro pauperibus Sale*, A compound Vinegar for the poor.

Take fresh Juniper-berries, worm-wood dryed, Rue dryed, A. ℥iv. Fränkencense, Myrrh, A. ℥ij. beat the berries with the herbs small; grossly bruise the Gums, to which put of the best Vinegar ℔vj. digest two or three days in a gentle heat, then strain it for use.

Salmon.) It has the Virtues of that at Sect. 10. foregoing, and so to be used.

14. *Acetum Aromaticum Mynsichti*, The sweet scented or spicy Vinegar.

Take Orrice root ℥jss. flowers of Lavender, red Roses, Clove-gilliflowers, A. ℥j. Cloves, Cinnamon, A. ℥ss. Nutmegs, Mace, Galangal, Zedoary, A. ℥ij. Orange, and Citron peels, A. ℥ij. storax Calamita, Myrrh, Benjamin, A. ℥jss. flowers of Rosemary, Rue, Marjoram, Sage, A. ℥j. Gallia Moschata, Xyloaloes, yellow Sanders, Indian Spicknard, A. ℥ss. Vinegar of Violets, q.s. mix, digest and strain.

Salmon.) It recreates the Spirits, comforts the Brain, quickens the Senses, and helps the dejections of the Mind. Use it as the former.

15. *Acetum Mithridaticum Mynsichti*, Vinegar with Mithridate.

℞ Mithridate, Terra sigillata A. ℥j. roots of Tormentil, Elecampane, of Angelica, A. ℥vj. Harts-horn calcined with fire; Serpents flesh powdered, Myrrh, A. ℥ss. seeds of Citrons hull'd, of sorrel, Juniperberries, A. ℥ij. Marigold and Clovegilly-flowers ℥ij. Saffron, Cloves, Camphir, A. ℥j. Vinegar of Roses, q.s. mix, digest and strain.

Salmon.) It has all the Virtues of Treacle Vinegar before going, and to be used in the same manner; it not only resists the impressions of Infection, but preserves from Putrefaction: in the cure of the Plague with it if you add to two spoonfuls of it, Solar Bezoar ℥j. it will do Wonders.

16. *Acetum Diaphoreticum, Mynsichti*, The sudorifick Vinegar.

Take roots of Sarsa and China, A. ℥j. Sassafras ℥vj. Elderflowers ℥iv. Cassia lignea ℥ij. Wine Vinegar, q.s. cut and bruise the ingredients then mix, digest and strain.

Salmon.) It corrects the Vices of the Head, strengthens the Liver, abates the Spleen, helps against the Dropsy, forces away the Stone, expels Wind, comforts the Stomach, causes good Digestion, resists Putrefaction, sweats powerfully, is prevalent against the French Difease and Elephantiasis, and stops Catarrhs and Fluxes of Rhume: use it as the former.

17. *Acetum Hystericum Mynsichti*, a Vinegar for the Womb.

Take Rue, grains of Dwarf Elder, A. ℥j. Sagapenum, Galbanum, A. ℥ss. roots of Hog Fennel, Castoreum, A. ℥ij. Asa Fœtida, callous of Horse legs, ana ℥j. of the best Vinegar q.s. digest in Balneo Mariæ, for five or six days, then strain.

Salmon.) It is excellent against Fits of the Mother, the Falling-sickness, Vertigo, Lethargy, and other sleepy Difeases. Dose to one spoonful.

18. *Acetum solutivum Clossai*, Solutive Vinegar of Clossius.

℞ juce of unripe Grapes depurated,

rated ℥ii. Sena ℥iii. Aniseeds ℥j. Mechoacan grossly bruised ℥ss. Cloves N^o ii.

Salmon.) It is an incomparable thing against tedious Agues and Quartans, obdurate Obstructions, and chronick rebellious Diseases: Dose two or three Spoonfuls in Broth, in which first ℥ss of Cremor Tartari was dissolved.

19. *Acetum Alexiacum*, Vinegar against all manner of Evils.

Take roots of Tormentil, Zedoary, Snake-wood, A. ℥ii. roots of Angelica, Master-wort, Swallow-wort, A. ℥ss. Burnet, white Dictany, round Birth-wort, A. ℥ii. leaves of Carduus, Goats-rue, Harts-tongue, (or Scordium) A. M. i℥ss. Housleek, Endive, A. M. ii. flowers of Marigolds, M. i℥ss. flowers of water-Lillies, Borrage, Elder, red Roses, Clove Giliflowers. A. M. j. Pome-Citrons N^o ix. Vinegar ℔x. digest three days in B. M. then distill in a glass Alembick.

Salmon.) It is an Alexipharmick, expels Poyson, and all malign infections and epidemick Diseases: Dose one Spoonful.

20. *Acetum Prophylacticum* *Mikardi*, The preservative Vinegar.

Take roots of Angelica, Zedoary, Lobage, Burnet, Rue, A. M. j. Turbith ℥ii. Citron Peels ℥iii. Juniper-berries ℥i℥ss. Bay-berries ℥j. bruise and cut them, then add of the best Vinegar ℔vi. and distill in a glass Alembick.

Salmon.) It is a strong Bezoartick or Antidote against Poyson: Plague and pestilential Diseases: given both to prevent and expel, which it does by Sweat and U-

21. *Acetum Confortans Clossæi*, The strengthening Vinegar of Clossæus.

Take Rue M. iii. Fumitory M. j. Juniper-berries ℥ii: Cloves, Mace, Nutmegs, Castoreum, A. ℥ss. Rose-Vinegar ℔iii: bruise the ingredients, and set them in the Sun for some days.

Salmon.) It is very good to strengthen Women that go with Child to prevent Miscariage, strengthen them after Delivery, and resist Fits of the Mother; give it inwardly, and apply it outwardly to the Temples and Wrists. In Pestilential Fevers add Camphir ℥i.

22 *Acetum Bezoarticum* *Francosurensis*. The Bezoartick Vinegar of Frankfurt.

Take Roots of Celandine ℥iii: Roots of Scorzonera, white Dictany, Zedoary, A. ℥iv. Roots of Angelica, Master-wort, Swallow-wort, Gentian, Tormentil, Butterbur, Devils-bit, Birth-wort long and round, Cink-foyl, Elecampant, Burnet, A. ℥iii: leaves of Scordium, Dictany of Crete, Hypericon with the Flowers, Sage, Carduus, Rue, Tan-sy, Bay and Juniper-berries, Orange and Citron-peels, A. ℥ii. all being dry, cut and bruise them, to which put of the best Vinegar ℔ix. digest twenty days in a glass Vessel close stopp, adding Spirit of Tartar ℥ss. Camphir ℥ii. dissolved in rectified S. V. ℔iii. strain, and keep it for use.

Salmon.) This is inferior to none of the Bezoardick Vinegars extant, being a powerful expeller of the Venom of malign and pestilential Distempers, and is prevalent as well to prevent

as Cure. Dose 2 or 3 spoonfuls in the morning fasting.

23. *Aceti conficiendi ratio*, The way of making simple and pure Vinegar.

Take of the best white Wine, Wheat-meal enough to make the Wine into a paste, of which make little loaves, which bake in an Oven: take these loaves, and steep them in the strongest Vinegar, of which make a paste again, bake it again in an Oven; this work so often repeat, till the loaves will no more be dissolved in the Vinegar, Put of this Bread into Wine, and it is immediately converted into Vinegar. 2. Or thus, Take of Tartar, Ginger, Pepper, A. Steep them

for 8 days in the best Vinegar, then dry them: put of this into Wine, and it immediately becomes Vinegar. 3. Or thus, Take Eggs boyled hard N^o. ij. Ginger, Spikenard, Pepper, A. Dd. Barley gr. v. Butter ℥ss. four Leaven ℥ij. mix them, and put it into nine Gallons of Wine, and it will be immediately Vinegar. 4. Or thus, Take Salt and Pepper; and mix with four Leaven, and cast into the Wine. 5. Or thus, Take a Squill, peel it, and hang it 5. or 6 days in the Air; then plunge it into the Wine, and hang it in the Vessel at the bung (so as it may not touch the Wine) for 5 or 6 days more, and the Wine will be good Vinegar.

CHAP. XIV.

Of DECOCTIONS.

I. *Decoctum Commune pro Clystere*, The Common Decoction for Clysters.

Colledge.) R leaves of Mallows, Violets, Pellitory, Beets, Mercury, A. M. j. Camomil flowers P. ii. sweet Fennel-seeds ℥ss. Linseed ℥ij. boyl them in fair water q.s. to lb. j.

Salmon.) This is a Common Decoction for all Clysters; it softens the Excrements of the Belly, and makes the Guts slippery: To this it is that other things are added as the nature of the thing requires, being the Foundation of all ordinary Clysters.

2. *Decoctum Epithimi*, Decoction of Epithimum.

Colledge.) R of Cheb and Indian Myrobalans, A. ℥ss. Stachas, Raisons of the Sun stoned, Epithimum, Sena, A. ℥i. Fumitory ℥ss. Maudlin ℥v. Polypody of the Oak ℥vi. Turbith ℥ss. Whey of Goats or Heifers milk lb. iv. boyl all together (except the Epithimum) to lb. ij. then add the Epithimum, which boyl but a very little, take it from the fire, and add black Hellebor ℥ss. Agarick ℥ss. Sal Gem ℥ss. Infuse them for ten hours, then strain, pressing out strongly.

Salmon.) It is an excellent purge to expel Melancholy, and all Diseases proceeding from thence; it is good also for such as are Frantick and Mad. Dose $\mathfrak{z}\text{iv}$. in the morning fasting. It opens Obstructions of the Liver and Spleen, helps pains of the Sides, and is prevalent against the Green-sickness.

3. *Decoctum Sennæ Gereonis*, Gereon's Decoction of Senna.

Colledge.) \mathfrak{R} Senna $\mathfrak{z}\text{ij}$. Poly-pody quer. $\mathfrak{z}\text{ss}$. Ginger $\mathfrak{z}\text{ij}$. Raisins of the Sun stoned $\mathfrak{z}\text{ii}$. Sebestens, Prunes, A. N^o. xii. flowers of Borrage; Violets, Roses, Rosemary, A. $\mathfrak{z}\text{ii}$. boyl all in Fountain-water $\mathfrak{li}\text{iv}$. till half be consumed according to Art.

Salmon.) It is a good Purge, expelling Phlegm and Melancholy: whatsoever humor you design to purge by Potion, you may boyl the Ingredients in this Decoction. Dose of it alone $\mathfrak{z}\text{vj}$. very early in the morning.

4. *Decoctum Pectorale*, A Pectoral Decoction.

Colledge.) \mathfrak{R} Raisins of the Sun stoned $\mathfrak{z}\text{ss}$. Sebestens, Fijubes, A. N^o. xv. Dates N^o. vj. Figs N^o. viij. French Barly $\mathfrak{z}\text{ij}$. Liquorice $\mathfrak{z}\text{ss}$. Maiden-hair, Hyssop, Scabious, Colts-foot, A. M. j. boyl them in fair water $\mathfrak{li}\text{ij}$. till two only remains.

Salmon.) It is dedicated to the Lungs, is good against Coughs, Colds, Asthma's, Consumptions, Phthisicks, Hoarseness, &c. Dose half a pint morning and evening, if you dissolve in the boiling juyce of Liquorice $\mathfrak{z}\text{ss}$. and then strain the Decoction, it will be infinitely the

better, and yet much more powerful if you add Oyl of Aniseed $\mathfrak{z}\text{ij}$. first mixt with white Sugar, &c.

5. *Decoctum Traumaticum*, The Wound Drink.

Colledge.) Take Sarsaparilla white and mealy $\mathfrak{z}\text{ss}$: China $\mathfrak{z}\text{ij}$. Roots of Fennel, Burdock, Nettles, Rhapontick, Comfrey, Liquorice, A. vens, A. $\mathfrak{z}\text{vj}$. long Birthwort $\mathfrak{z}\text{ss}$. white Dittany $\mathfrak{z}\text{ii}$. leaves of Betony, Hypericon, Agrimony, Ribwort, Ground-Ivy, Bugle, Wintergreen, Sanicle, A. M. ss. Raisins stoned $\mathfrak{z}\text{ij}$. seeds of Coriander, Anise and Nettles, A. $\mathfrak{z}\text{ii}$. Juniper-berries, $\mathfrak{z}\text{ij}$. washings of Harts-horn and Ivory, A. $\mathfrak{z}\text{v}$. boyl all in a sufficient quantity of fair water to $\mathfrak{li}\text{ii}$: to the strained Liquor add white Wine $\mathfrak{z}\text{iv}$. Honey clars. fics, white Sugar Candy, A. $\mathfrak{li}\text{j}$.

Salmon.) This was intended for the more speedy healing of Wounds, Ulcers, Old Sores, and Fistula's, whether External or Internal: for the continual drinking of it for 3 Months or more, creates a healthful habit over the whole body; thereby performing some Cures which otherwise might never be accomplished; but the Sick ought to drink it continually as their ordinary drink: it cures also Consumptions, spitting of Blood, Bloody Fluxes, Gonorrhoea's and Whites, &c. after due purgation. Dose almost half a pint 4 or 5 times a day. Here is to be noted, that if you add to the foregoing proportion, Spanish Juyce of Liquorice $\mathfrak{z}\text{ij}$. Juyce of a large Crab Fish, and Hg-lice to N^o. 100. It would be much

much more prevalent to all the
aforesaid intentions, and have
a great force in curing the
Kings Evil, Jaundice, Ulcers in
the Neck of the Bladder, Ob-
structions of Urine, and Stone
both in Reins and Bladder, &c.
This is a new thing added.

6. *Lac Virginule*, seu *Virgineum*, Virgins Milk.

Colledge.) *R* *Roeb Allum* ℥iv.
boyl it in a quart of water, to a
third part: then take *Litharge*
℔ss. of the best white *Wine Vine-*
gar ℔ss: boyl them to a pint and
strain: mix both the waters toge-
ther, stirring them till they are
white.

Salmon.) It is designed for a
Cosmetick to beauty the face
and skin, to cool inflammations,
take away redness, pimples,
freckles, sun-burning, scurf,
morpheew, scabs, &c. the skin
being washt with it twice or
thrice a day.

7. *Decoctum Amarum*, The
Bitter Decoction.

Colledge.) *R* tops of the les-
ser Centory, flowers of Camomil,
A. p. j. Roots of Gentian ℔ss. *Se-*
na, seeds of Carduus. *A. ℥j.* boyl
all in a sufficient quantity of fair
water to ℥iv.

Salmon.) It opens Obstruc-
tions, provokes Urine and the
Terms, is Anodyne, eases
pains of the Breast and Spleen,
and is good against the Cache-
xia and Green-sickness in Vir-
gins: It is also prevalent a-
gainst Feavers, and the Malig-
nity of infectious Diseases:
The quantity of the whole pre-
script is a Dose for one time:
This is a thing added.

Decoctions left out in their
New Dispensatory.

8. *Decoctum Vulnerarium*, A
Decoction for Wounded per-
sons.

Colledge.) *R* *Agrimony*, *Mug-*
wort, wild *Angelica*, *Hypericon*,
Moufe-Ear, *A. M. iij.* Wormwood
M. ss. Southernwood, *Berony*, *Bug-*
loss, Comfrey the greater and lesser,
roots and all, *Avens*, *Barberry* buds,
Oak buds, *A. M. j.* all these being
gathered in May and June, and
diligently dried, let them be cut
and put up in skins or papers a-
gainst the time of use; then take
of the aforesaid herbs *M. iij.* boyl
them in Fountain Water ℔iv.
mixe with white *Wine* ℔ij. till
half be consumed: strain it, then
adding Honey ℔ij: boyl and scum
it, and keep it for use.

Salmon.) It has the Virtues
of *Decoctum Traumaticum*, at
Sect. 5. more especially if you
make the Additions here, which
we advised there.

9. *Decoctum Carminativum*,
A Decoction expelling Wind.

Colledge.) *R* Aniseeds, seeds
of Carrots, Fennel, Cummin, Car-
raway all bruised, *A. ℥iij.* Cam-
momil flowers *M. ss.* Raisins of
the Sun ℥ss. boyl them in water
℔ii. till almost half be consumed.

Salmon.) It does what the
Title says, given either by the
Mouth or in Clysters; In Cly-
sters you may make it the
Foundation of all others, whe-
ther strengthening or purging.

10. *Decoctum florum fructuumque*, A Decoction of Flow-
ers and Fruits.

Colledge.) *R* *F. g.* *Nº v.* Prunes
Nº xv. *Jujubes*, *Sebestena*, ana
R p 2 *Nº xx.*

N^oxx: Tamarinds ꝑj: flowers of Violets, Borrage, Bagloß, Roses, A. ꝑj: of Maiden-hair, Hops, Endive, A. M. ss: Liquorice ꝑij: being cut and bruised, boyl them in spring water ꝑijj: to the consumption of the third part.

Salmon.) It is an excellent Pectoral, curing Obstructions, and most other Diseases of the Breast and Lungs. It is a good thing to mix Purges with: to ꝑiv or vj. hereof you may add a Dose of some proper purging Syrup, Powder or Electuary.

11. Decoctum Canceri, A Decoctio of Crabs.

Colledge.) R^e River Crabs calced and beaten into very fine powder ꝑij. roots of round Birthwort, of Comfrey, of Self-heal, Bay berries bruised, A. ꝑi: tye them all up in a linnen cloth, and boyl them in 3 pints of white wine, till the third part be consumed, adding about the middle of the decocting, leaves of Periwinkle ꝑ. j: then strain it for use. This Decoctio must be prepared only for the present when the Physician appoints it, as also must all the rest of the Decoctions.

Salmon.) This Decoctio also is designed for wounded persons, and has all the same Vertues of that at Sect. 5. foregoing, but then I should advise to make those Additions here, which are spoken of there, and instead of the white Wine, poor people which cannot go to the charge, may make the Decoctio in Ale, drinking of it morning, noon and night half a pint or more at a time; I do assure you its an excellent thing: I have changed the name of it

only for distinction sake, to difference it from the former Traumaticks and Vulneraries.

DECOCTIONS added by the Author.

12. Decoctum Refrigerans, A cooling Decoctio.

Take spring water ꝑijj: spirit of Vitriol, Citron seeds, A. ꝑss. red Roses ꝑ. ij. red Sanders ꝑss. steep them a night, then boyl to ꝑijss. strain, and add Rob of English Currans, juyce of Citrons, fine Sugar, A. ꝑij.

Salmon.) It cools and strengthens the Stomach, Heart, and Liver, and resists malign Diseases.

13. Decoctum Hepaticum Quercetani, Quercetani's Decoctio for the Liver.

Take a Calves Liver sliced; red Sanders, Cinnamon, A. ꝑss. Spicknard, red Roses, A. ꝑ. j. Conserve of Chichory flowers ꝑj. Troches of Rhubarb, Eupatory, A. ꝑvj: boyl them in a large Glas well luted, in a hot B. M. for 7 or 8 hours, till all the Liver is almost turned to water, then boyl it up with Sugar.

Salmon.) It was invented to strengthen and remove its Diseases, as the Hepatic Flux, Cachexia, Green Sicknes, Dropsy, &c. Dose ꝑiv. every morning and evening.

14. Decoctum Hystericum Schröderi, Schröders Decoctio against Fits.

R^e Penny-royal, Mugwort, Southernwood, Motherwort, Bawm, Vervain, Mother of Time, A. Mj. Savin, roots of Burnet, Bayberries, A. ꝑij. Castor ꝑj. with water, make a Decoctio,

Sal-

Salmon.) It provokes the Terms, expels Wind, comforts and eases the Womb, helps fits of the Mother.

15. *Decoction Lienis Bovini*, Decoction of an Ox Spleen, from Quercetan.

R an Ox spleen cut in pieces; Cinnamon bruised \mathfrak{z} i. Cloves \mathfrak{z} ss. Saffron \mathfrak{z} ij. Sack a sufficient quantity, put them into a large glass well closed, and put it into a boiling BM. 24 hours, till the spleen is boiled to bits.

Salmon.) It is good against hardness and obstructions of the Spleen, provokes the Terms, is good against Frenzy and madness, resists Melancholy and Fantasms: Dose \mathfrak{z} iv. morning and night, after due purging, being given for 5 or 6 days together, before the Terms should flow.

16. *Decoction Catharticum Quercetani*, Quercetans purging Decoction.

R Sena \mathfrak{z} vi. strawberry water, so much as will serve to a Dose: steep them in a close Vessel a day and a night, then add juyce of Lemons a spoonful, juyce of Pear-mains \mathfrak{z} iss. or two spoonfuls, sugar Candy \mathfrak{z} ij. clarify it with the white of an Egg and Cinnamon water.

Salmon.) This was invented to please Ladies with, it being very pleasant in taste, and purging gently without griping or making sick.

17. *Decoction Fumarie Compositum*, Decoction of Fumitory Compound.

R Fumitory M. ij. Time, Succory, Agrimony, Ceterach, Marsh-wormwood, A. M. i. Roots of Poly-

pody \mathfrak{z} i. Liquorice \mathfrak{z} i. Sena \mathfrak{z} iv. Whey \mathfrak{lb} viii. boyl all to the waisting of one half, strain it hot; then infuse in it for a night, Rhubarb \mathfrak{z} ss. Spikenard \mathfrak{z} i. Schœnanth \mathfrak{z} ss. boyl a little, then strain.

Salmon.) It is a good thing to purify the Blood, cleanse the Bowels, and rectify the weakness and disorders of the Stomach and Liver. Dose \mathfrak{z} iv. in the morning fasting.

18. *Decoction Carminativa Quercetani*, Quercetans Decoction expelling Wind.

R roots of Fennel \mathfrak{z} i. Time, Pennyroyal, Mother of Time, A. M. i. Currans \mathfrak{z} i. sweet Fennel seeds, seeds of Anise, Daucus, Cummin, A. \mathfrak{z} iii. Cinnamon \mathfrak{z} ss. Flowers of Rosemary and Camomil, A. P. ii. boyl them in Hydromel of Malago Wine, q s.

Salmon.) It expels Wind, and is powerful against the Cholick, Stone, and Fits of the Mother. Dose \mathfrak{z} ii.

19. *Decoction Diuretica Horstij*, Horstius his Decoction provoking Urine.

R roots of Swallow-wort, of Madder, of Valerian, of Burnet, of Liquorice A. \mathfrak{z} i. leaves of Betony, of all the sorts of Maiden hair, A. M. i. seeds of Burdock, Fennel, Gromwel, Anise, Dodder, Juniper berries, Winter Cherries, A. \mathfrak{z} iii. flowers of Broom, P. ii. make a Decoction in water, which aromatize with Cinnamon, and sweeten with Honey of Roses.

Salmon.) It provokes Urine, is good against the Disury, Itcuria, Strangury and Stone.

20. *Decoction sudorificum Empirici Germani*, a Sweating De-

coction made by a German Em-
pyrick,

℞ Guajacum ℥iij. Sarsaparil-
la, Arabian Squachus, A. ℥ss. Gra-
tiola M. ss. Carduus M. iii. Car-
dus seeds ℥vi. Mouse-ear with
the Root, Scabious, A. M. j. Tor-
mentil ℥j. Rhubarb ℥ij. Polypody
℥i. bruse all and infuse for a week
in Fountain Water ℔xxxvi. then
boyl all five or six hours in a large
Alembick with a blind head; or a
dyet pot, with a close cover: to this
decoction add filings of Steel ℔iv.
take Rhenish Wine ℔xij. Bark of
Guajacum ℔ss. Hermodactis, Tur-
bit, Grains of Paradise, A. ℥iv. all
being bruised, boyl them in an ear-
then glazed Vessel for an hour, then
mix these two Decoctions together,
boyl anew for half an hour, then
strain, and being cold put it into
a Barrel to be kept for use.

Salmon. It is an excellent thing
against an inveterate and stub-
born Pox, and other inveterate
and rebellious affects; it stops
Catarrhs, evacuates the maligni-
ty of Diseases by sweat and urine.
It cures the Green-sickness, pro-
vokes the Terms, and is preva-
lent against the Epilepsy, Palsy,
and Dropsy, for which it is a
specifick. Horstius says, this De-
coction was given to him as a
Secret by a very learned man,
and friend of his, and that it
cures the French Pox in a
month, being continually taken
about three pints a day.

21. Decoction adversus Epilep-
siam, A Decoction against the
Falling-Sickness.

℞ Boxwood rasped ℥iiss. Juniper
wood rasped, Peony roots, Misle-
so of the Oak, A. ℥iiss. Lignum Rho-

dium rasped, Harts horn rasped, A.
℥vi. Ivory rasped, China, A. ℥iiss. seeds
of Carduus, Citron peels, A. ℥j. digest
24 hours warm in fountain water
℔xij, then boyl to the consumption
of the third part adding towards
the end of the Coction, flowers of
Rosemary, Sage, Lavender, Tiletree,
A. ℥vi. strain and keep for use.

Salmon.) Its an excellent thing
to be used as a dyet for such as
are troubled with the Epilepsy,
Apoplexy, Megrim, Vertigo,
Palsy, Convulsion, Cramps, fits
of the Mother, and other the
like Diseases of the Head,
Womb and Nerves.

22. Decoction ad Gonorrhœam
virulentem, A Decoction against
a virulent Gonorrhœa.

Take Stone Crop M. i. seeds of
Quinces, Rue, Agnus Castus, Plan-
tane, A. ℥j. roots of Tormentil
℥ss. flowers of Mullein, red Roses,
A. P. ij. juice of Limons ℥vj. wa-
ter of Hollyhock flowers ℔iiss. di-
gest 3 or 4 days in B.M. then boyl
a little and strain.

Salmon.) Give it morning and
night 4 or 5 spoonfuls at a
time, continuing it for several
days, using a convenient pur-
ging in the mean time.

23. Decoction ad febres inter-
mittentes, A Decoction against
intermitting Feavers.

℞ Roots and Bark of Elder, A. ℥i.
roots of Asarabacca ℥iij. Cinnamon
℥ii. make a Decoction in Milk.

Salmon.) It cures all inter-
mitting Feavers, as Quotidian,
Tertian, and Quartan; works
by vomit and stool; give it in
the beginning of the fit, which
reiterate if need require.

24. Decoction Colocinebidos, De-
coction

Decoction of Coloquintida.

Take of Quercetans Carminative Decoction (at Sect 18.) ℥iij. Apples of Coloquintida ℥iij. pull them into bits, and boyl them very well for almost an hour, then strain it hard out, with which mix the Tincture of ℥j. of Spanish Iuyce of Liquorice.

We invented this in order to the curing of the French Pox, there being no purging Vegetable more powerful: for this radically draws forth the Disease by the roots, and cleanses the Body beyond all other purges: we have given it in the Gout, Dropsy, Scurvy, Palsy, Apoplexy, Epilepsy, Gonorrhæa, Leprosy, Jaundice, Kings Evil, Intermitting Feavers, Obstructions of the Liver and Spleen, Hypochondriack Melancholy, and other inveterate and stubborn Diseases with great success: Dose 2 or 3 Spoonfulls or more (according to the age and strength of the Patient) in the morning fasting, with observations as in other purges.

25. Decoction ad Iterum, A Decoction against the yellow Jaundice.

Rx Celandine (the whole plant) Mj. leaves and flowers of Hypericon, A.Ms. roots of Hog-fennel, inner bark of Elder, powder of Goose-dung, A. ℥iij. Saffron ℥ss. boyl all (except the dung and Saffron) in equal parts of Rhenish Wine and water of Harts-tongue, then strain and put in the Dung and Saffron tyed up in a rag: sweetning it with Sugar.

Salmon.) It cures the Jaundice at thrice taking perfectly: you may divide the whole quantity into three Doses, to be taken in three mornings together,

26. Decoction Aperitivum majus, ex Aug. The greater Aperitive Decoction.

Rx Endive, Succory, Fumitory, A. Mj. Mandlin, Borrage, Kugloß, Dodder, Harts-tongue, A. Mss. Roots of Liquorice, Fennel, Parsly, Stone-parsly, Raisons A. ℥ss. seeds of Anise and Fennel, A. ℥ij. tops of Time, Epithymum, A. ℥jss. bark of Tamarisk, of Capers, A. ℥ij. Sena ℥ij. Polyody ℥j. Agarick ℥ss. cut and bruise grossly what are to be cut and bruised, mix them together, and keep them for use.

Salmon.) It opens Obstructions of the Viscera, being chiefly used against contumacious affects. It is very good against Diseases of the Liver, Spleen and Melaicks, the Dropsy, Jaundice and long continued Feavers.

27. Decoction Aperitivum majus cum Rhubarbo: The greater Aperitive Decoction with Rhubarb.

Take of the Spices of the greater and lesser aperitive Decoction, A. ℥iij. boyl them in water ℥vj. to the Consumption of ℥ij. strain and infuse therein Rhubarb ℥ss. Cinnamon ℥ij. Sal Gem ℥j. Spicknard ℥ij. Species Diarrhæon abbas Div. Sugar ℥xij.

Salmon.) It is much more effectual than the former, in all the intentions for which the other is destinated: It opens all inveterate and contumacious Obstructions, is good against Dropsies of all sorts, and Diseases proceeding from cold, flegm, water, and choler, simple or commixed. Dose ℥ij. ir. or more.

28. Decoction Aperitivum minus, ex Aug. The lesser Aperitive Decoction.

P P 4

Rx Roots

Take roots of Parsly, Fennel, Stone-Parsly, Agorus, Liquorice, A. $\mathfrak{z}\text{iv}$. roots of Asarabacca $\mathfrak{z}\text{ls}$. leaves of Agrimony, Hopi, Succory, Dodder, Betony, Spleen-wort, Endive, Fumitory, A. $\mathfrak{z}\text{ij}$. seeds of Anise and Fennel, A. $\mathfrak{z}\text{i}$. Polypody $\mathfrak{z}\text{xij}$. Prunes, Figs, A. N° . xxxij. Raisons $\mathfrak{z}\text{iv}$. Sena $\mathfrak{z}\text{j}$. flowers of Borrage, Bugloss, Violets, Roses, A. $\mathfrak{z}\text{i}$. cut, bruise, mix, boyl and strain.

Salmon.) It universally prepares all humors for expulsion, it cuts, makes thin, concocts and cleanses, being appropriated to the Head, Breast, Stomach, Liver and Spleen. Dose $\mathfrak{z}\text{iv}$. in the morning fasting.

29. Decoctum Ligni Guajaci Myrsichii, Myrsichts Decoctio of Pockwood.

Take rasped Guajacum lb j . Bark thereof $\mathfrak{z}\text{iv}$. China roots $\mathfrak{z}\text{ii}$. Sarsaparilla, Sassafras, ana $\mathfrak{z}\text{i}$. spring Water lbxvj . Infuse 24 hours, then boyl to the consumption of the half: afterwards boyl the ingredients in Barly-water lbxii . to the consumption of one third part, which sweeten with Raisons, and aromatize with Cinnamon.

Salmon. This Decoctio has a wonderful property in curing the French Pox, and all sorts of Venereal Maladies: of the first Decoctio let the Patient drink a good draught, Morning and Evening: of the other he may drink at pleasure.

30. Decoctum Vulnerarium Myrsichii, Myrsichts Wound-Drink.

℞ Ladies Mantle, red Beets,

Winter-green, Sanicle, Periwinkle, Golden-rod, seeds of Angelica, A. $\mathfrak{z}\text{i}$. bruise all grossly and make a Decoctio in Rhenish-Wine lbxiv .

Salmon.) It cures all Wounds wheresoever in the Body, and causes Iron, Wood, Lead, or other things to come forth of the Wound which are in it: It consolidates and heals in one week, more than other Vulneraries will in a whole month. It is a real experiment, and of deserved use. Dose $\mathfrak{z}\text{ij}$. morning, noon and night.

31. Decoctum Arthriticum Myrsichii, The Decoctio against the Gout.

℞ sweet black Currans $\mathfrak{z}\text{viii}$. rasped Guajacum $\mathfrak{z}\text{iv}$. China $\mathfrak{z}\text{i}$. Liquorice, roots of Acorus Aquaticus, A. $\mathfrak{z}\text{ls}$. Cinnamon, Galangal the less, A. $\mathfrak{z}\text{ij}$. Barly Broth lbx . cut, bruise and infuse all 24 hours, then with a gentle fire, boyl to the consumption of a third.

Salmon.) In Catarrhs and Gouts, and other Diseases proceeding from cold distillations, as also in Dropies, Cachochymies, Cachexies, &c. It is a very powerful remedy; for it dries and strengthens the Body, being drunk daily as ordinary drink.

There are several other Decoctio's of excellent use: All which you may see at large, in Our Doron Medicum, lib. 2. cap. 14.

Many more you may see in Wecker, Quercetan, Zwelfer, Horstius, &c. But these are chief.

Note this as a general Rule in all Decoctio's, that if you add to every lb of water, Salt of Tar-

Tartar Div. the water will Extract the Virtue of the ingredients much the better, fix the

Volatile part, and make the Decoction more strong and effectual.

CHAP. XV. Of INFUSIONS.

I. *Infusio Cathartica*; A purging Infusion.

Take Agarick \mathfrak{z} iss Rhubarb \mathfrak{z} ij. Ginger \mathfrak{z} ss. Spikenard gr. v. Sal Gem, gr. iij. powder them grossly and infuse them a night in waters of Agrimony and Succory, \mathcal{A} \mathfrak{z} iss. beat and strain.

Salmon.) The Sal Gem (or in place thereof you may use Salt of Tartar) is added to make the Extraction the more easy, as we hinted at the end of the last Chapter. It is an excellent thing to purge Choler and Flegm, and cleanse the Stomach and Bowels: It leaves a binding quality behind it, and therefore is of use to stop Fluxes.

2. *Infusus Rhubarbarii Compositus*, Compound Infusion of Rhubarb.

Take Extract of Sena and Carthamus seeds, \mathcal{A} \mathfrak{z} ss. Infusion of Rhubarb \mathfrak{z} ij. in Rose-water: Syrup of Roses solutor, Syrup Diareos, \mathcal{A} \mathfrak{z} ss. Acacia, Cinnamon water, \mathcal{A} \mathfrak{z} j. mix them all for one Dose.

Salmon.) It has the Virtues of the former, and is used to the same intentions.

3. *Infusus senæ Compositus*, Compound Infusion of Sena.

Take Sena, Rhubarb, Epithimum, \mathcal{A} \mathfrak{z} ij. Spicknard \mathfrak{z} ij. infuse them in a Pectoral Decoction for a night; strain and dissolve therein Syrup of Roses solutive, Confectio Hamech, and \mathfrak{z} iss.

Salmon.) It purges Choller, Flegm and Melancholy, and that from remote parts.

4. *Infusus Vulnerarius*, A Vulnerary Infusion.

Take Ladies Mantle, Betony, Periwinkle, Tarrow, and \mathcal{M} . j. Zedoary, Galangal, Nux Vomica, and \mathfrak{z} ij. Swallow-wort, Nutmegs, Mace, and \mathfrak{z} i. Infuse them (being first bruised) in water and Wine, and \mathfrak{z} iss. for two days, then strain.) Or thus, Take Sanicle, Pauls Betony, Wintergreen, and \mathcal{M} . ij. Saracens' sound, red Maiden-hair, and \mathcal{M} . j. flowers of Borage and Bugloss, \mathcal{A} . P. j. seeds of Anise and Fennel, Cinnamon, and \mathfrak{z} ij. Fijubes \mathcal{N}° vj. Dates, \mathcal{N}° iij. Infuse two days in Barley water.

Salmon.) Either of these will be much more effectual, if

1. You dissolve in the Water (to

(to every lb Salt of Tartar ʒj.)
 2. The Infusion being strained, you sweeten it with the Tincture of Spanish juyce of Liquorice. They excellently facilitate the Cure of Wounds and old sores in any part of the body, but chiefly of the Brest and Lungs. Dose ʒiij. or iv. three or four times a day.

5. *Infusus Diaphoreticus*, A Sweating Infusion.

Take Niter ʒij. infused in water, Diascordium ʒi. Honey of Juniper berries ʒj. Extract or Salt of Carduus ʒss. Carduus water ʒij. mix them for a Dose. Or thus: Take Liquor of Earthworms ʒiij. Venice Treacle, Cinnamon water, A ʒi. Spirit of Tartar, Mixture simplex, A ʒj. waters of Rauls. Bezony ʒij. mix and digest twenty four hours.

Salmon.) These are good Sudorificks, and are prevalent against malignant Feavers, Gouts, Rhumatisms, and the like, if often taken.

6. *Infusum seri Lactis Mesue*, Mesues Infusion of Whey.

Take fresh ripe Rose, the whites cut off, ʒij. Rhubarb ʒiiss. Indian spike ʒiss. cut, bruise and infuse in Whey of Goats-milk, then strain.

Salmon.) It is an exceeding good cooling Purge; it cleanses the Blood, expels Choler, and takes away saltness and sharpness of the Humors, casting forth what is unnecessary, and that without molestation.

7. *Infusum seri Lactis secundum*

dum, The second Infusion of Whey.

Take Flowers of Borage, Bugloss, Fumitory, Epithimum, A. M. ss. Polypody ʒvi. Fennel seeds ʒij. Sena ʒiss. Whey ʒiij. digest two days in B.M. adding Honey of Roses ʒij.

Salmon.) It temperates and expels adust humors, abates the heat of Feavers, and cleanses the Skin from Scabs and Heat. Dose ab ʒiij. ad vi.

8. *Infusum Hieræ Mesue*, Mesues Infusion of Hieræ Simple.

Take Hieræ simple, Aloes, A. ʒv. Decoction of Epithimum ʒbj. digest ten days in the Sun, in a glass Vessel, or in B.M.

Salmon.) It purges the Head and Stomach, and cures the pains of them both: It is an exceeding good thing against Melancholy Diseases, and old stubborn Agues. Dose ʒiv.

9. *Infusio ad Colicam Andernaci*, An Infusion against the Cholick.

Take Hyssop, Calamint, A. M. j. Raisons ʒiss. seeds of Anise, Fennel, Carraways, A. ʒvj. seeds of Bastard Saffron ʒij. Polypody ʒiss. flowers of Borrage, Bugloss, Violets, Camomil, A. P. j. put all these into the body of a Cock, which boyl in five quarts of water to three; in this Decoction Infuse Sena ʒiij ss. Agarick trochiscated ʒx. digest a night, then strain.

Salmon.) The Title shews the Virtues, being excellent for expelling of Wind. When you use it take ʒiij. mixt with Syrup of Violets ʒj. for a Dose. It

It is excellent against Diseases proceeding of Flegm and Choler; more especially if instead of the Syrup of Violets, you take Diaphœnicon or Benediſta ʒjss. or ʒij.

10. *Infusio ad bilem*, An Infusion purging Choler.

℞ *Rhubarb* ʒij. *Cinnamon* ʒss. *yellow Myrobalans* ʒi. infuse them in *Wormwood* and *Fumitory waters*, A. ʒij. strain and add Syrup of *Roses solutive* ʒi.

Salmon.) It is a good thing to purge Choler, cool the heat of blood, and cleanse the Stomach and Bowels from filth.

11. *Infusio Pectoralis Authoris*, Our Pectoral Infusion.

℞ *Spring water* ℔ij. *Salt of Tartar*, ʒss. *Juyce of Liquorice* ʒi. dissolve and digest 24 hours in B.M. let it settle, and decant the clear Infusion.

Our own experience has confirmed this, in opening all Obstructions of the Breast and Lungs, to be inferiour to no common thing yet known; it

is good against Coughs, Colds, Asthma's, Pthificks, Consumptions, spitting of Blood, Ulcers and excoriations of the Bowels, Stone, Gravel, Catarrhs, pains and difficulty of making water, performing cures of that kind to a wonder. Dose ʒij. or more.

12. *Infusus Pectoralis Compositus*, Our Compound Pectoral Infusion.

℞ of the former Infusion, and of the Blood red Tincture of Opium made with S. V. rectified A. ℔j. mix them.

Salmon.) It has all the Virtues of the former, almost a thousand fold exalted; but the former is better for thin, lean and Melancholy bodys, and such as are commonly bound. Dose of this compound Infusion is one spoonful or more in a glass of Wine.

There are other Infusions which you may see in Our *Doron Medicum*, lib. 2. cap. 15.

CHAP. XVI.

OF SYRUPS.

I. Of Altering Syrups.

1. *Syrupus de Absynthio Simplex*, Syrup of Wormwood simple,

Colledge.) Take *Juyce of Common Wormwood* depurated, clarified Sugar, A. ℔ij. make a Syrup S. A.

Sal-

Salmon.) It is a wonderful good thing for the Stomach, and has all the Virtues of the herb, which see *lib. I. cap. 4. sect. 3.*

Colledge.) After the same manner are prepared simple syrups of *juices of Betony, Borrage, Bugloss, Carduus, Camomil, Succory, Endive, Hedge Mustard, Strawberries, Fumitory, Ground-Ivy, Hypericon, Hops, Mercury, Mouse-Ear, Plantain, Apples, Purslane, Raspberries, Sage, Scabious, Scordium, Housleek, Colts-foot, Pauls-Betony, and other juices not four.*

Salmon.) The Virtues of these Syrups are the same with the Herbs of which they are prepared, all which you may see in their proper places; The Dose of each of them is about two spoonfuls in a morning fasting, and last at night going to Bed.

2. *Syrupus de Absinthio Compositus Mesue*, Syrup of Worm-wood Compound.

Colledge.) *Re common Worm-wood dried lbss. red Roses ℥ij. Indian spikenard ℥iij. old generous white Wine, juice of Quinces, A. lbss. digest them in a warm place for a day, in a glazed Vessel: then boyl it gently in B. M. and strain: then add sugar lbij. and make a syrup, S. A.*

Salmon.) It is designed for a stomack, to comfort and warm a cold and weak stomack, helps digestion, causes Appetite, opens Obstructions of the Liver and Spleen, and is prevalent against the Jaundice, Dropsy, Cachexia, Chollick, &c. Dose two spoonfuls in a morning fasting,

for twenty days together.

3. *Syrupus Acetosus simplex*, Syrup of Vinegar Simple.

Colledge.) Take white sugar lbv. white Wine Vinegar lbij. by melting it in a Bath of boyling water, make a syrup, S. A.

Salmon.) This is not the Simple Syrup in their old Dispensatory, but the more Simple, for there they added water lbvj. which made it a simple thing indeed, nor is this prescription so compleat as might be desired, which if you would have as it ought to be, you may do it thus.

Re Spirit of Vinegar lbij. Loaf sugar lbv. make it into a syrup, by melting it in a boyling BM.

It is used to prepare the body for purging or vomiting, being opening, cutting, attenuating and cooling. It quenches thirst, provokes Urine, cuts rough flegm, afflicting the Breast and Lungs, comforts and strengthens the Stomach, and causes a good Appetite and Digestion. You may take ℥i. either at night going to Bed, or in the morning fasting.

4. *Syrupus Acetosus Compositus Mesue*, Syrup of Vinegar compound.

Colledge.) *Re roots of Parsly Fennel, Endive, A. ℥iij. seeds of Anise, Parsly, Fennel, A. ℥i. seeds of Endive ℥ls. clear water lbvi. being bruised and put into a glass Cucurbit, affuse thereon of the best Vinegar lbij. and by putting on a little head, distil in B. M. to dryness. To the species remaining in the bottom, put spring water lbij. boyl with a gentle fire to the third part; strain, clarify with the white of an Egg, add sugar lbij.*

℞ iij. boyl to the consistency of Lozenges; then lastly, add the afore-said distilled Vinegar ℞i. and with one or two walms of Boyling, make a Syrup.

Salmon.) I admire at this Composition, for my part I can see no reason in it: you had better make it thus. *℞* the species aforesaid, affuse upon them spirit of Vinegar lb. vi. digest ten days in a gentle heat, then strain: to which add Sugar Candy lb. iv. s. make it into a Syrup by melting it in the heat of a Barb. It has all the Virtues of the former, but more powerful in opening Obstructions of the Liver, Spleen, Meseraicks and Reins. It cools the heat of Choller, and helps clogging at Stomach. Dose ab ℞j. ad ℞ij. in a glass of Canary, or alone, if the Patient so like.

5. *Syrupus de Agno Casto*, Syrup of Agnus Castus.

Colledge.) *℞* seeds of Rue, Hemp, A. ℞s. seeds of Endive, Lettice, Purslane, Gourds, Melons,

A. ℞ij. seeds of Fleawort ℞s. seeds of Agnus Castus ℞iv. flowers of Water-Lilly, leaves of Mint,

A. M. j. decoction (of Lentils and Toradion seeds, A. ℞s.) lb. iii. boyl all together over a gentle fire, to the consumption of lb. ij. then strain and add juyce of Limons ℞ii. white sugar lb. i. s. make it into a Syrup S. A.

Salmon.) It is designed as an Astringent to stop all sorts of Fluxes, as of Blood, Excrements and Seed; to allay the heat of Lust, and the uterine Fury or Madness of the Womb. It stops Catarrhs, and helps spitting of

Blood, as also the Whites in Women. Dose ℞j. or ℞i ss. in Lettice, or Poppy Water.

6. *Syrupus de Agresta*, Syrup of Verjuyce from Mesue.

Colledge.) *℞* Verjuyce pressed from unripe Grapes lb. v. clarified Sugar lb. iii. boyl them into a Syrup.

Salmon.) It potently astringes, cools and dries, preserves from putrefaction, and powerfully resists the Plague, and abates the heat of all sorts of Feavers, as also the violence of Choller, having besides, all the Virtues of Syrup of Vinegar. Dose ℞i. after Supper. It strengthens the Stomach much. This is an Addition.

7. *Syrupus de Althæa Fernelij*, Syrup of Marshmallows.

Colledge.) *℞* roots of Althæa ℞ii. roots of Grass, Asparagus, Liquorice cleansed, Raisins stoned, A. ℞s. Tops of Marsh Mallows, leaves of Mallows, Pellitory, Burnet, Saxifrage, Plantane, white and black Maiden-hair, A. M. j. red Cicers ℞j. of the four greater and lesser cold seeds, A. ℞iii. Infuse them a whole day in clear water lb. vi. boyl to the consumption of lb. iii. then strain and press, and with Sugar lb. iii s. make a Syrup in B. M. S. A.

Salmon.) In the old Dispensatory it was Sugar lb. iv. here but lb. iii s. It provokes Urine, cleanses the passages, breaks and expels the Stone in both Reins and Bladder, and gives ease to all such kind of intolerable pains in those parts; it is also prevalent against the Cholicke, and heals a Dysentery. Dose

Dose $\mathfrak{z}\text{ij}$. in Persicary water, morning and evening.

8. *Syrupus de Ammoniaco*; Syrup of Ammoniacum.

Colledge.) Take Maudlin, Cetrach, A. M. iv. common Wormwood $\mathfrak{z}\text{j}$ roots of Succory, Asparagus, Bark of Caper-root; A. $\mathfrak{z}\text{ij}$. after a due preparation macerate them 24 hours in white Wine $\mathfrak{z}\text{ij}$. Radish water simple; Fumitory water A. $\mathfrak{lb}\text{ii}$. then boyl to the consumption of $\mathfrak{lb}\text{j}$ $\mathfrak{z}\text{viii}$. let it settle: in $\mathfrak{z}\text{iv}$. of which whilst it is warm; dissolve by it self Gum Ammoniacum, (first dissolved in the sharpest Vinegar) $\mathfrak{z}\text{ii}$. boyl the rest with fine Sugar $\mathfrak{lb}\text{iss}$. into a Syrup, adding at the end, the afore dissolved Gum.

Salmon.) This was invented to open Obstructions of the Liver and Spleen, abate Hypochondriack Melancholy, the Scurvy, pains and hardness of the Spleen. Dose $\mathfrak{z}\text{iss}$. in Scordium water every morning fasting:

9. *Syrupus de Artemesia*, Syrup of Mugwort, ex August.

Colledge.) Take Mugwort Mij . Pennyroyal, Calaminth, Organy, Lawn, Persicary (not spotted) Doreany of Creet, Savin, Marjoram, Germander, Hypericum, Ground Pine, Motherwort with the flowers, Centory the leß, Rue, Betony, wild Bugloss A. M. j. roots of Fennel, Parsly, Stone Parsly, Asparagus, Butchers-Broom, Saxifrage, Elecampane, Cyprus, Madder, Orrice, Peony; A. $\mathfrak{z}\text{j}$. Juniper-berries, seeds of Levage, Stone Parsly, Parsly, Anise, Grib, Carpo Balsamum, or Cubebs, Costus, Cassia Ligneæ, Cardamoms, Calamus Aromaticus, Roots of Asarabacca, Pellitory of

Spain, Valerian, A. $\mathfrak{z}\text{ss}$. being cleansed, cut and beaten, macerate them in fair water $\mathfrak{lb}\text{xii}$. for 24 hours: after distil in B. M. $\mathfrak{lb}\text{viii}$. of water; express out the feces in a Press, which strain, clarify with the white of an Egg, and with white Sugar $\mathfrak{lb}\text{vj}$. boyl it to the consistency of Lozenges; then add the former distilled water, and in B. M. make a Syrup S. A. which perfume with Cinnamon, Spicknard, A. $\mathfrak{z}\text{ii}$.

Salmon.) This new way of making Syrups is certainly the best; being first invented by Zwelfer, for according to this mode, the Spirit and subtlest part is preserved, which according to the Old forms was almost lost. It was invented for Womens Diseases; it cures Fits of the Mother, distaffs of the Womb, as coldness, pain and windiness thereof: It opens, incides, digests, provokes the Terms, is prevalent against the Cholick, and most Diseases of the Brest and Lungs, as Asthma's, Coughs, Colds, Obstructions, sharp Rheums and spitting of Blood. Dose $\mathfrak{z}\text{ii}$. in a morning fasting in Hyssop water; you may also take it in the day time with a Liquorice stick.

10. *Syrupus de Berberis*, Sugar of Barberries.

Colledge.) \mathfrak{R} depurated Juice of Barberries $\mathfrak{lb}\text{ij}$. white Sugar $\mathfrak{lb}\text{iss}$. boyl in an Earthen glazed Vessel to the form of a Syrup.

Salmon.) It cools, attenuates and abates the Violence of burning Feavers: It temperates Choler, quenches Thirst, and, stops Cholerick fluxes

Ruxes of the Bowels.

11. *Syrupus de Betonica Compositus*, Syrup of Betony Compound.

Colledge.) Take Betony M.iii. Marjoram M. i. ls. Time, red Roses, A. Mii. Violets, Stachas, Sage, A. M. ls. seeds of Fennel, Anise, Bishops-weed, A. $\frac{3}{4}$ ls. roots of Polypody, Peony, Fennel, A. Zv. digest in warm water lbvi. and depurated juyce of Betony lbiii ls. for 24 hours, then distil in B.M. till you have water lbv. come over: what remains strain and expresse strongly, clarify with the white of an Egg, and with white sugar lbiii ls. boyl it to the consistency of Lozenges: lastly, by adding the afore-distilled water, make a syrup by a gentle Ebullition.

Salmon.) It was composed against affects of the Head, Stomach, Spleen and Womb, is good against Frenzy, Vertigo, Megrim, provokes the Terms, &c. Dose one or two spoonfuls in a morning: 'tis word for word with that in the Augustan Dispensatory.

12. *Syrupus Bizantinus simplex*, The Bizantine Syrup simple.

Colledge.) Take juyce of the leaves of Endive, Parsly, A. lbii. juyce of Hops, of Bugloss, A. lb. boyl them together, and clarify with the white of an Egg, being clarified add fine white sugar lbii ls. and with a gentle fire, make a syrup in B.M.

Salmon.) It opens Obstructions of the Liver and Spleen, and is prevalent against the curvy, Dropsy, Green-sick-

ness and Rickets. Dose ab $\frac{3}{4}$ i. ad ii ls. in a morning.

13. *Syrupus Bizantinus Compositus*, The Bizantine Syrup Compound.

Colledge.) Take of the aforesaid juyces depurated lbiv. to which add red Roses $\frac{3}{4}$ ii. fresh Liquorice cleansed $\frac{3}{4}$ ls. seeds of Anise, Fennel, Parsly, A. Ziii. Spikenard Ziii. after they have been sufficiently macerated, boyl them in B.M. then strain, pressing out strongly, and clarify with the whites of Eggs: to the clarified Liquor lbiv. add white Wine Vinegar lb ii. crystalline Sugar lb. iii ls. make a Syrup in B.M. S.A.

Salmon.) This has all the former Virtues, but much more powerful, you may give $\frac{3}{4}$ i. to a Child for the Rickets in a morning fasting.

14. *Syrupus Botryos*, Syrup of Jerusalem Oak.

Colledge.) Take Oak of Jerusalem, Hedge-Mustard, Nettles, A. M. ii. Cocksfoot M. i ls. boyled in B.M. with Fountain Water a sufficient quantity, strain, to lbii: of which, add juyce of Turneps (boyled in water once or twice to softness, changing the water, gently expressed and settled) lb. i. crystalline sugar lb. iii. lastly, boyl it well in B.M. to a syrup, to be ordered when use shall require.

Salmon.) It is a good Pectoral, designed against Coughs, Colds, Asthma's, Ulcers of the Lungs, spitting Blood, Phthisicks, pains of the Sides and Consumptions. Dose ab $\frac{3}{4}$ i. ad ii. In the old Dispensatory, the Turneps were to be Baked, which was much better.

15 *Syrupus Capillorum Veneris*, Syrup of Maiden Hair.

Colledge.) Take Maiden Hair $\mathfrak{z}\text{v}$. Liquorice $\mathfrak{z}\text{ii}$. steep them a natural day in $\mathfrak{lb}\text{vi}$. of warm spring water, then after a gentle boiling in B. M. and straining, to the strained Liquor $\mathfrak{lb}\text{iv}$. adding clarified Sugar $\mathfrak{lb}\text{iii}$. make a Syrup according to Art.

Salmon.) It opens Obstructions of the Lungs, is Pectoral, and has the former Virtues; you may give from \mathfrak{ss} . to ij . in a pectoral Decoction or Malago Wine.

16 *Syrupus Cardiacus*, vel *Fulepum Cardiacum*, The Cordial Syrup.

Colledge.) Take Rhinish Wine $\mathfrak{lb}\text{ij}$. Rose water $\mathfrak{z}\text{iss}$. Cloves $\mathfrak{z}\text{ii}$. Cinnamon $\mathfrak{z}\text{ss}$. Ginger $\mathfrak{z}\text{ij}$. Infuse them 24 hours, then boyl gently in B. M. strain and add white Sugar $\mathfrak{z}\text{ij}$. make a Fulep by melting the Sugar in B. M. after add Ambergrise gr. ij . Musk, gr. j .

Salmon.) This Recipe is well made, excepting the boyling in the Wine which Cuipeper. (whom the Colledge now follows) was much mistaken in: had it been new Wine, not fermented (which they call *Strum*) you might have boyled it safely, but if you boyl any fermented Liquors you loose their Spirits by that Action, by which means the Medicine will easily after it corrupt; 'tis only a bodies being replent with Spirit which keeps it from Putrefaction and decay. It is a good Syrup to chear the Heart, revive the Spirits, and comfort languishing Nature. Dose $\mathfrak{z}\text{ij}$.

17. *Syrupus de Cinnamomo*, Syrup of Cinnamon.

Colledge.) Take of the best Cinnamon a little bruised $\mathfrak{z}\text{ij}$. Infuse three days, in a sufficient quantity of warm spring water, afterwards distil in B. M. Take of this water $\mathfrak{lb}\text{j}$. white Sugar clarified and boyled to the consistency of Lozenges $\mathfrak{lb}\text{ss}$. and with a gentle fire make a Syrup, after this manner with white Sugar only, you make Syrup of Aniseeds, sweet Fennel seeds, Cloves, Nutmegs, Ginger, &c.

Salmon.) It is a good comforter and restorer of weak and decayed Nature, comforts the Heart, revives the Spirits, and is good against fainting Fits. Dose ab \mathfrak{ss} . ad ij : as for the Syrup of Aniseeds, Fennel Seeds, &c. made with white Wine, you must not boyl the Wine (for then you will spoil the Syrup) but the ingredients being bruised, infuse them in it, in a close Vessel, 2 or 3 days, then strain, and with tabulated Sugar, make a Syrup by melting only.

18. *Syrupus infusionis florum Caryophyllorum*, Syrup of the Infusion of Clovegilliflowers.

Colledge) Re Clovegilliflowers (the whites being cut off) $\mathfrak{lb}\text{j}$. Infuse them a whole night in spring water, being strained, with clarified white Sugar $\mathfrak{lb}\text{iv}$: make a Syrup (without boyling) only by melting, S. A.

Salmon.) It is a Pectoral and Cordial, and may be mixt with other Cordial Liquors, Waters, Spirits, &c. to make them more pleasant.

19. *Syrupus Acrostatis Citrionum*, Syrup of the Juyce of Citrons.

Col

Colledge.) R^e Juice of Citrons strained and clarified by setting lb. j. white Sugar tabulated lb. ii. make a Syrup with one or two Ebulitions. After the same manner you may make Syrups of Verjuice, Oranges, Barberries, Cherries, Quinces, Limons, Wood-sorrel, Mulberries, Sorrel, English Currans, and other sour juices.

Salmon.) It is a wonderful good thing in all violent Fevers, especially such as are Malign and Pestilential: It resists Poyson, cools the Blood, quenches Thirst, helps Vertigo's, strengthens the Stomach, and helps against Vomiting: for the Virtues of the other, see the Simples.

20. Syrupus Corticum Citronum, Syrup of Citron-peels.

Colledge.) R^e of yellow, ripe and fresh Citron-peels ℥v. Berries of Kermes, (or their juices brought over to us) ℥ii. Spring-water lb. ii. digest them for a Night in B. M. strain, and with white Sugar lb. iiss. by boyling in B. M. make a Syrup, S. A. the one half keep without the Musk, the other half perfume with Musk (tyed up in a rag) gr. iij.

Salmon.) 'Tis a good Cephalick, Stomack and Cordial, good against Apoplexies, Epilepsies, Convulsions, Vertigo's, Palpitation, Fainting, swooning: It strengthens the Heart, resists Poyson, revives the Spirits, and restores in Heckick Feavers and Consumptions. Dose ℥j. or ℥iss.

21. Syrupus & Coralliis simplex, Syrup of Coral simple.

Colledge.) Take of the best red Coral, beaten into subtil powder ℥iv. dissolve by the heat in B. M. in depurated juice of Barberries.

lb. j. being close stopp with a Cork or Wax in a glass Matraße after a digestion for 3 or 4 days, decant what is dissolved, and affuse new juice, as before, and proceed by so often repeating the former work till all the Coral is dissolved and nothing remains, which the acid juice of Barberries will imbue: Lastly, to this juice lb. j. add Sugar lb. iiss. which gently boyl into a Syrup in B. M.

Salmon.) See the Virtues in Lib. 3. Cap. 13. Sect. 75.

22. Syrupus & Coralliis Compositus, Syrup of Coral Compound.

Colledge.) Take of the best red Coral in most subtil powder, levigated upon a Porphorite with a little Rose water ℥vj. depurated juice of Limons, separated from all flegm in B. M. ℥xvj. depurated juice of Barberries ℥viii. of the best white Wine Vinegar, and pure juice of Wood-sorrel, A. ℥vj. mix them together, and put them in a glass Bolt-head stopp'd with a Cork and Bladder, shaking them every day, till they have digested eight days in a Bath or in Horse-dung; then filter through Paper, of which take lb. iiss. purified juice of Quinces lbss. Sugar rosate ℥xii. mix and make them into a Syrup according to Art in Balneo, adding Syrup of the Flowers of red Pauls Berony ℥xvj. keep it for use omitting the Nodale of Ambergrise ℥ss. Musk gr. iv. till the Physician orders it.

Salmon.) It has the Virtues of Mayhems Syrup of Coral in lib. 3. cap. 13. sect. 76.

23. Syrupus Cydoniorum, Syrup of Quinces.

Colledge.) R^e Clarified juice of Quinces

Quinces lbvj. boyl it gently and by degrees to the half, scumming of it: and by adding *red Wine* lbiii. *white Sugar* lbiv. boyl them into a Syrup to be performed with *Cinnamon* Ziss. *Cloves*, *Ginger*, A. Zii.

Salmon.) It wonderfully comforts and strengthens the Stomach, stops Vomiting, Looseneis, Fluxes, and the Whites in Women: you may give it both before and after Meat 2 or 3 spoonfulls at a time.

24. *Syrupus de Erysmo*, Syrup of Hedge Mustard.

Colledge. R of *Hedge-Mustard* (the whole plant) fresh M. vj. roots of *Elecampane*, *Coles-foot*, *Liquorice*, A. Zii. leaves of *Borage*, *Succbory*, *Maiden-hair*, A. M. ss. of the *Cordial* Flowers, *Rosemary*, *Betony*, A. M. ss. *Aniseeds* Zss. *Raisins* stoned Zii. digest a whole day in water and *Hydromel*, A. lb. ss. juyce of *hedge Hyssop* depurated Zviii. after boyl in B. M. pressing out the liquor strongly, to lbiv. of which clarified liquor add of *Christalline Sugar* lb. i. vss. make a Syrup in B. M. according to Art.

Salmon.) It is a good Pectoral, designed against most Diseases of the Lungs, as *Asthma's*, *Hoarseness*, *spitting Blood*. Ulcers in the Lungs, &c. Dose Ziss. or more.

25. *Syrupus de Fumaria*, Syrup of Fumitory.

Colledge.) R leaves of *Endive*, *Wormwood*, *Hops*, *Dodder*, *Hartstongue*, A. M. j *Epithymum* Ziss. boyl them in B. M. in Spring-water lb. i. ss. (here is half a pound of water lost.) juyce of *Fumitory* depurated lb. i. ss. juyce of *Borage* and *Bugloss*, A. lb. ss. strain, and to lb. iij. thereof, add pure *Sagar* lb. i. vss. make a Syrup in B. M. according to Art.

Salmon.) This Syrup was invented as an Antidote against *Melancholy*, and Diseases thence arising, for which 'tis doubtless an excellent thing. It opens Obstructions of the Stomach, Liver and Spleen, cools, strengthens, helps Surfeits and most vices of the Skin, as Scabs, Itch, Tetters, Ring-worms, *Morphew*, *Scurf*, *Leprosy*, &c. Dose Ziiij. or iv. every Morning fasting. It is prevalent against the *Scurvy*.

26. *Syrupus de Glycyrrhiza*, Syrup of Liquorice.

Colledge. R of fresh *Liquorice* cleansed and bruised Zii. white or red *Maiden-hair* Zj. *Hyssop* Zss. digest these 24 hours in spring-water (boyling hot) lb. iij. then strain and clarify; and with the best *Honey*, fine *Sugar*, A. Zxi. boyl them in the heat of a Bath into a Syrup according to Art.

Salmon.) It helps Coughs, *Asthma's*, Ulcers and Obstructions of the Lungs, being a good Pectoral; you may take it almost all day long with a *Liquorice* stick. If you make it thus it will be better. R a pure Tincture drawn from Spanish juyce of *Liquorice* Ziii. with lb. vi. of *Rhenish wine*, depurated juyces of *Maiden-hair* and *Hyssop*, A. Ziv. make them into a Syrup by the heat of a Bath with tabulated *Sugar* lb. vii.

27 *Syrupus Granatorum*, Syrup of Pomgranates.

Colledge.) Take *White Sugar* lb. i. ss. defecated juyce of *Pomgranates* lb. j. make a Syrup in B. M.

Salmon.) It has the Virtues of the juyce in Lib. i. Cap. 6. Sect. 45. It quenches thirst, abates the heat of Feavers, cuts tough Plegm

Flegm; and refreshes the Heart.
Dose ʒiſs.

28. *Syrupus de Hyssopo*, Syrup of Hyssop.

Colledge.) R̄ Roots of Parsly or Smallage, stone-Parsly, Fennel, Liquorice, cut, A. ʒx. Jujubes, Sebeſens, A. N° xxx. Figs, Dates, A. N° x. seeds of Mallows, Quinces, Gum Tragacanth (tyed up in a rag) A. ʒiij. Hyssop dried ʒx. Maiden-hair ʒvj. being all fitted, digest 24 hours in Barley-Broth ℥viij. Then boyl in B. M. express strongly, and to the clear strained liquor add fine sugar ℥viſs. make a Syrup in B. M. according to Art.

Salmon.) In the old Dispensatory it was Spring-water, here Barley-Broth, which is a good alteration. It is an excellent Pectoral, curing most Diseases of the Breast and Lungs, causing a long Wind, a clear Voice and a free respiration. Dose ʒii. at a time; or you may be continually taking of it all the day long with a Liquorice-stick.

29. *Syrupus lve Arthriticæ*, five Chamæpitios, Syrup of Camæpitios or Ground-Pine.

Colledge.) R̄ leaves of Ground-Pine M. ii. Marjoram, Sage, Rosemary, Poley Mountain, Organy, Salamint, wild Mint, Penny-royal, Hyssop, Time, Rue, wild Rue, Betony, Mother of Time, A. M. j. Roots of Acorus, of Birth-wort long & round, of Bryony, of white Dittany, of Genian, of Hogs-Fennel, of Valerian, A. ʒs. of Parsly, Asparagus, of Fennel, of stone-Parsly, of Butchers Broom, A. ʒj. of Pellitory of Sparn ʒss. seeds of Anise, Bishops-weed, Carraways, Fennel, Lovage, Hartwort, A. ʒiij. Raisins of the Sun stoned ʒij. being

previously digested in warm Spring-water ℥x. for 24 hours; distil in B. M. so long till ℥v. of water is drawn off: The remainder strain strongly by pressing: of which clear strainings take a sufficient quantity, and with the best Honey and Sugar-Candy, A. ℥ii. boyl it to the consistency of Lozenges, then add the former distilled water, and make a Syrup in B. M. to be perfumed with oyls of Cinnamon and Nutmegs, A. ʒss.

Salmon.) This was invented to open Obstructions of the Stomach, Liver, Spleen, Womb and Reins, for which 'tis doubtless a very good Medicine: it helps the Cholick, expels Wind, breaks, dissolves and expels the Stone, cures the Rickets in Children. Dose ab ʒj. ad iij.

30. *Syrupus Jujubinus*, Syrup of Jujubes.

Colledge.) R̄ Jujubes N° lx. Violet flowers ʒv. Maiden-hair, Liquorice cut and bruised, Barley bulled, A. ʒi. seeds of Mallows ʒv. seeds of white Poppies, of Melons, of Lactice, of Quinces, Gum Tragacanth (tyed up in a rag) A. ʒiij. let them be boyed in spring water ℥vj. to the one half, strain, clarify, and add white Sugar ℥ii. make a Syrup.

Salmon.) It is a specifick against Diseases of the Lungs, as Coughs, Colds, Hoarseness, Asthma's, spitting of Blood and Ulcers there: as also in Pleurifies, pains of the Sides, Bowels, Reins and Bladder: It abates inflammations, cools, quenches thirst, &c. you may take it all day long as you please with a Liquorice-stick, or ʒii. or iij. at a time.

31. *Syrupus de Meconio* five Diacodium, Syrup of Meconium.

Q^d 2 Col.

Colledge.) Take Heads of white Poppies, (gathered a little after the flowers are fallen off, and kept three days apart, ℥viii. Heads of black Poppies with the seeds (so ordered) ℥vj. Spring-water lb.vij. digest four and twenty hours, then warm them, and gently express the juice, which afterwards boyl to three pounds, and with Sugar ℥xxiv. make a Syrup according to Art.

Salmon.) It has all the Virtues of the flowers, which you may see lib. I. cap. 5. sect. 50, 51.

32. Syrupus de papaveris magis compositus, Syrup of Poppies more Compound.

Colledge.) Re the head with the seeds of white Poppies, A. ℥vj. Ataden-hair ℥xv. Fijubes No. xxx. Lettice seeds ℥v. seeds of Mallons and Quinces (tyed up in a rag) A. ℥ls. Liguorice ℥v. fair water lb.vij. boyl all according to Art; strain, to lb.iiij. of which put clarified Sugar lb.ii. make a syrup according to Art.

Salmon.) The grand alteration between this and that in the old Book, is chiefly in the Seeds of the Poppies: this being ℥ii. less than that. It has the Virtues of the former, Which you may search out in the preited place: It is good against Coughs, Catarrhs, Pheficks, all sorts of Fluxes, Pleurifies, eases all manner of Pains, causes rest and sleep, &c. Dose ad ℥j. ad ii.

33. Syrupus Melissophilli, Syrup of Bawm.

Colledge.) Re Barks of Bugloss roots, ℥j. roots of white Dittany, of Cynk-foyl, of Scorzonera, A. ℥ls. leaves of Bawm, Scabious, Devils-bit, flowers of both sorts of Bugloss,

of Rosemary, ana M. j. seeds of Sorrel, Citron, Fennel, Carduus, Bazil, A. ℥lii. Spring-water lb.ij. digest them a whole day in a warm place, boyl in B. M. after press out the Liquor strongly, which clarify, adding to lb.iiij. thereof, Juice of Bawm depurated, Rose-water, ana lb.ls. fine sugar lb.ij. make a syrup in B. M.

Salmon.) In the old Dispensatory, the Syrup was perfumed with Cinnamon, yellow Sanders, and ℥ls. here it is left out. It is a good Cordial, cheers the Heart, revives the Spirits, strengthens the Stomach, comforts Nature and fortifies the whole Body: It resists Melancholy; restores in Consumptions, and relieves in the violence of Feavers. Dose two or three spoonfuls at a time.

34. Syrupus de Menta, Syrup of Mint.

Colledge.) Take Juices of sweet Quinces, and such as are a little sour, juice of Pomegranates sweet and sour, ana lb.iss. dried Mint lb.iss. Red Roses ℥ii. mix and digest for the following day: then boyl in B. M. to the half; strain, and with sugar lb.ij. make a syrup according to Art, not to be perfumed unless the Physitian command it.

Salmon.) It is cooling and binding, comforts and strengthens the Stomach much, stops Vomiting and Fluxes, is good against Heart-burnings, helps Digestion, and is prevalent against Burning Feavers. Dose two spoonfuls.

35. Syrupus de Mucilaginibus Syrup of Mucilages.

Colledge.) Take seeds of Althea, Mallons, Quinces, A. ℥j. Gum Tra

Tragacanth, (yed up in a Rag) ℥iij. Infuse them six hours in a warm decoction of Mallows, white Poppy-seeds, Winter-Cherries; then press out the Mucilage ℥iss with which, and the aforesaid Decoction ℥iij. with white sugar ℥ij. make a Syrup according to Art.

Salmon.) It heals Ulcers of the Internal parts, chiefly of the Breast, Stomach, Bowels Reins and Bladder, taking away or alleviating of the sharp and corroding humors, which are the Cause thereof. Dose ℥jss. in Poppy or Peficary water.

36. *Syrupus Myrtinus*, Syrup of Myrtles.

Colledge.) Take Myrtle-berries ℥ijss. Sanders white and red, Sumach, Balaustians, Barberries, A. ℥iss, Medlars cut lb. ss. bruise and boyl in fair water lb. viij. to lb. iv. strain and add juyce of Quinces, juyce of sower Pomegranates A. ℥vj. and with sugar lb. iv. boyl them into a Syrup, adding the juyces towards the end.

Salmon.) This was intended to stop all sorts of fluxes, spitting of blood, heal ruptures, and stay the Whites in Women, it is cooling, binding and strengthening, comforts the Stomach and resists Vomiting. Dose 2 spoonfuls.

37. *Syrupus florum Nymphae simplex*, Syrup of Water-Lillies simple.

Colledge.) Take of the whitest part of white water Lilly-flowers, lb. j. macerate them in warm water lb. iij. for 6 or 7 hours, after let them boyl a little, and strain them out: casting away the feces, put in the same weight of flowers again the second and third time, digesting a little and expressing: clarify the

Liquor, and with its equal weight of sugar make a Syrup in B.M. according to Art.

Salmon.) It was invented to cool inflammations, abate the heat of Feavers, and ease pains of the Liver, Spleen, Womb and Reins. Dose ℥j. or ij.

28. *Syrupus Nymphae Compositus*, Syrup of Water Lillies compound.

Colledge.) Be of the fresh white flowers of water Lillies lbjss. flowers of Violets ℥ij. seeds of Lettice, Purslane, Gourds, A. ℥ss. boyl them in fair water lbiv. to the consumption of lbj. to the strained Liquor add red Rose-water lbjss. white sugar boyled and clarified lb. iv. make a Syrup in B.M.

Salmon.) It has the Virtues of the former, but a more Powerful Cooler, it gives rest and ease. Dose ℥j. ad ij.

39. *Syrupus de Papavere erratico*, five Rubro, Syrup of Corn or red Poppies.

Colledge.) Be Corn Poppy-flowers fresh, lbj. warm Spring water lbiv. The next day strain it, repeat the infusion with new flowers; strain again, and with its equal weight of Sugar boyl it into a Syrup in B.M.

Salmon.) It is excellent to cool and abate the heat of Feavers, eases all sorts of pains, cause rest and sleep, abate the rage of Pleurifies Cholick, violent pains of the Stone, stops all sorts of Fluxes, as the Terms, Whites in Women, the Lask and bloody Flux. Dose from 1 spoonful to 2.

40. *Syrupus de Psilofella*, Syrup of Mouse-ear.

Colledge.) Be Mouse-ear M. iijss. Roots of Ladies mantle ℥jss. Root of Cornsly, Madder, white Dittany,

Tormentil, Bistort, *A. ʒj.* leaves of Winter-green, Horse-eail, Ground-Ivy, Plantane, Adders-tongue, Straw-berries, Hypericon, Golden-Rol, Agrimony, Betony, Burnet, Cloves, Cink-foyl, red Colworts, Balaustians, red-Roses, *A. M. j.* boyl them gently in Plantane-water lb. vi. to lb. iii. Strain strongly by pressing; clear it by settling, then add Mucilages of Gum Tragacanth, of the seeds of Flea-wort, Marsh-mallows and of Quinces, (made a-part by themselves in Strawberry and Betony water) *A. ʒiij.* white Sugar lb. ij. boyl them together to the thickness of Honey.

Salmon.) It is drying and binding, good against Consumptions of the Lungs, Catarrhs, Coughs, Spitting of Blood, all sorts of Fluxes, Weakness of the Back, running of the Reins, the Whites, slipperiness of the Womb, and weakness of the Spermatick Vessels. It is also good for wounded people, and such as have Ruptures. Dose ab ʒi. ad ʒiii.

41. *Syrupus Infusionis florum Peoniae*, Syrup of the Infusion of Peony flowers.

Colledge.) It is prepared altogether in the same manner as Syrup of the Infusion of Clove-gall flowers.

Salmon.) It is designed against Epilepsies, Apoplexies, Convulsions, Palsies, Lerhargies, and other Diseases of the Nerves, and which arise from a cold, moist, and weak Brain. Dose ab ʒi. ad ii. or more in Black-Cherry-Water, Morning and Evening.

42. *Syrupus de Peonia Compositus*, Syrup of Peony Compound.

Colledge.) *R.* fresh roots of both sorts of Peony, taken up at the Full of the Moon, cut in slices, and infused in White Wine a whole day, *A. ʒiiss.* *Contra-yerva ʒiss.* Bassard Lovage, ʒvi. Elks-claws ʒi. Leaves of Rosemary with the flowers, *M. j.* Betony, Hyssop, Or-gany, Gout-Ivy, Rue, *A. ʒiij.* Xylaloes, Cloves, Cardamoms the less, ana ʒij. Ginger, Spicknard, ana ʒj. Stechas, Nutmegs, ana ʒiiss. after a warm digestion for one day in distilled water of Peony-Roots lb. vi. boyl them in B.M. to ʒiij. In which being strained through Hippocrates his sleeve, put white Sugar ʒiivss. then boyl it into a Syrup in B.M.

Salmon.) It has all the Virtues of the former, being more powerful to the same Intentions. Dose two or three spoonfuls in a Morning fasting, in Black-Cherry water.

42. *Syrupus de Pomis Alterans Fernelij*: Syrup of Apples Alterative.

Colledge.) Take juice of sweet scented Apples ʒiiv. flowers of bugloss garden and wild, Violet flowers, *A. lb. j.* boyl in B.M. and clarify: then adding fine Sugar lb. vj. Rose-water lb. j. boyl again and make a Syrup according to Art.

Salmon.) Here is only Sugar lb. j. added more than was in their old Book: 'tis a delicate cooling Syrup, excellent in burning Feavers inflammation of the Blood, Costiveness of the Body. It comforts the Heart, quenches thirst, and is prevalent in Consumptions

sumptions and Hesticks. Dose \mathfrak{z} ii. or \mathfrak{z} iii. in the morning, or when need requires.

44. *Syrupus de Prasio*, Syrup of Horehound from Fernelius.

Colledge.) Take fresh leaves of white Horehound \mathfrak{z} ii. Roots of Liquorice, Polypody of the Oak, Parsly, Fennel, \mathfrak{A} . \mathfrak{z} ls. white Maiden hair, Organy, Hyssop, calamint, Time, Scabious, Savory, Colesfoot, \mathfrak{A} . \mathfrak{z} vi. seeds of Anise, Quinces (bound up in a rag) \mathfrak{A} . \mathfrak{z} iii. Raisons stoned \mathfrak{z} ii. for Pigs, \mathfrak{N}° x. digest a whole day in Hydromel (a little warmed) lb. viii. boyl in BM, then strain out by pressing: to lb. v. of which clear Liquor, add clarified Honey, white sugar clarified, \mathfrak{A} . lb. ii. make a Syrup in BM. perfuming of it with roots of Florentine Orrice \mathfrak{z} i.

Salmon.) It is an excellent Pedoral, good against Asthma's, Coughs, Wheezing, Hoarseness, Phthisicks, spitting Blood, and Ulcers of the Lungs: It also expels Wind, provokes Urine, and helps the Cholick. Dose \mathfrak{ab} \mathfrak{z} i. ad ii.

45. *Syrupus de Quinque Radicibus*, Syrup of the five opening Roots.

Colledge.) \mathfrak{R} Roots of Butchers Broom, Fennel, Asparagus, Parsly, Smallage, \mathfrak{A} . \mathfrak{z} ii. spring-water lb. vi. digest them warm, boyl in BM. strain strongly by pressing: then to the clarified liquor lb. iv. add Vinegar \mathfrak{z} viii. white Sugar lb. v. fs. make a Syrup in BM. according to Art.

Salmon.) It is a general opener of Obstructions, and preparer of the body for other Physick, it is very prevalent against Obstructions of Urine, the Cholick and

Stone: Dose \mathfrak{z} ii. in a morning fasting: or if for preparation, at Night going to Bed.

46. *Syrupus Raphani Compositus*, Syrup of Radishes Compound.

Colledge.) \mathfrak{R} Roots of Garden and wild Radishes, \mathfrak{A} . \mathfrak{z} i. Roots of white Saxifrage, Butchers-Broom, Lovage, Eringo, Rest-harrow, Parsly, Fennel, \mathfrak{A} . \mathfrak{z} ls. leaves of Betony, Burnet, Saxifrage, Pennyroyal, Tops of stinging Nettles, Water-creffes, Samphir, Maiden-hair, \mathfrak{A} . M. i. Winter-cherries, Jujubes, \mathfrak{A} . \mathfrak{N}° xx. seeds of Bazil, of the greater Burdock, of Macedonian Parsly, of Hart-wort, of Carraways, of Daucus, of Creet, of Gromwell; Bark of the Roots of Capers, \mathfrak{A} . \mathfrak{z} ij. Raisons stoned Liquorice, \mathfrak{A} . \mathfrak{z} vi. digest them a whole day in spring-water warmed lb. x. then distil in BM. and draw off water lb. vi. in which immerge Cinnamon \mathfrak{z} i. Nutmegs \mathfrak{z} ls. The Magma express strongly out and clarify, to which add Sugar Candy lb. iv. the best Honey lb. ii. boyl them to the consistency of Lozenges: Lastly, by putting to the matter first distilled, make a Syrup in BM. according to Art.

Salmon.) This was intended against the Stone, for which it is a Specifick, it opens all Obstructions, chiefly of the Urinary passages, provokes Urine powerfully, and so is very good against the Dropsy, Chachexy and Green-sickness: as also the Rickets in Children. You may give \mathfrak{z} ii. or \mathfrak{z} iii. of it at a time in Peficary water, or a small Lixivium of pure Sal Regale.

47. *Syrupus Regius*, alias *Fulanium Alexandrinum*, the Royal Syrup

Syrup, or Alexandrian Julep.

Colledge.) Take red Rose water lb. iv. white sugar lb. j; make a Julep S. A.

Salmon.) 'Tis a fine cooling Cordial, good against Feavers, faintings and swoonings.

48. *Syrupus de Rosæ siccis*, Syrup of dried Roses.

Colledge.) Take spring water lb. iv. let it boyl, infuse in it (by some at a time) red Roses dried in the Sun lb. s: the next day press them out; and with sugar lb. ii. make a syrup by boyling. S. A.

Salmon.) It comforts & strengthens the Heart and Spirits, Binds, stops Fluxes, staves Vomiting, and has all the Virtues of the former.

49. *Julepum Rosatum*, Julep of Roses.

Colledge.) It is prepared of Damask Rose water in the same manner as the Royal Syrup.

Salmon.) It has the Virtues of that at sect. 47. but this strengthens the Heart more.

50. *Syrupus Scabiose*, Syrup of Scabious.

Colledge.) Take Roots of *Elecampane*, Polypody of the Oak, A. 3ij. Raisons of the Sun stoned 3j. *Sebestens* N^o xx. leaves of Coltsfoot, Lungwort, Savory, Calamint, A. M. iſs: *Liquorice* cleansed 3s: The best Spanish Tobacco, seeds of stinging Nettles A. 3ij. boyl all in B. M. (the Roots being infused in white Wine a day before) in a sufficient quantity of Mead, strain, express strongly, and clarify: to 3lv. of which add juyce of Scabious depurated 3iv: white sugar 3bv: make it into a syrup according to Art, putting to at last Oyl of Sulphur per Campanum, gut. xx.

Salmon.) This is a Vomit and an excellent cleanser of the Breast and Lungs, taking away Flegm, Crudities and all manner of Obstructions. It cures Agues, Scabs, Itch, Obstructions of the Spleen and Consumptions, and is given with good success against the Whites in Women. Dose 3j. in Scabious water.

51. *Syrupus de Scolopendrio*, Syrup of Harts-tongue.

Colledge.) Take leaves of *Scolopendrium* M. iij. roots of Polypody of the Oak, of both sorts of Bugloss, Bark of Caper Roots, of Tamarisk A. 3ij. Hops, Dodder, Maidenhair, Bawm, ana M. ii. spring-water 3bix. digest and boyl in B. M. strain, to 3bv. of which add white sugar 3bv. make a syrup in B. M. according to Art.

Salmon.) It is a general opener of Obstructions of the Stomach, Liver, Spleen, Mesentery and Reins; takes away Melancholy, and perfectly cures the Rickets in children. Dose 3ii. or more in a morning fasting.

52. *Syrupus de Stachade*, Syrup of Stachas.

Colledge.) Take flowers of *Stachas* 3iv. Rosemary Flowers 3ss. leaves of time, Calamint, Organy, ana 3iss. Sage, Betony, ana 3is. seeds of Rue, Peony, Fennel, ana 3iij. digest a day or two in B. M. in a sufficient quantity of spring-water, strain, press out, and clarify: to lb. v. of which add white sugar lb. vls. make a syrup in B. M. according to Art, which perfume with some drops of Oyl of Cinnamon.

Salmon.) This Medicine is wonderfully composed, for here

is ʒss. of Sage, Betony, and flowers of Rosemary, to almost lb. xj. of the composition, which is about a grain to a Dose; but considering the gross Body is cast away, it is scarcely the tenth part of a Grain; the which is indeed of wonderful consideration, and yet the proportions of the Seeds are less. In the Old Book the quantity of the water is limited, viz. to just lbx. which should that rule be observ'd here, the Medicament would have little enough of the Virtues of some of the Ingredients: as for the Perfuming of it, this much excels the former. It is Cephalick, Cardiack and Arthritick, powerful against Epilepsies, Convulsions, Palsies, Megrims, cold and moist distempers of the Head, Brain and Womb, Barrenness, &c. Dose ab ʒii. ad iij. or more.

53. *Syrupus de Symphyto*, Syrup of Comfrey.

Colledge.) Take roots and tops of Comfrey the greater and lesser, A. M. iij. red Roses, leaves of Betony, Plantane, Burnet, Knot-Grass, Scabious, Colts-foot, A. M. ii. press out the juyce (they all being green and bruised) boyl, scum and strain it, adding its weight in sugar, make a syrup S. A.

Salmon.) It is intended against spitting of Blood, and internal wounds and bruises of the Breast, pissing Blood, fluxes of the Terms, and the Whites in Women, and is excellent against Ruptures. Dose ʒii. morning and evening.

54. *Syrupus Violarum*, Syrup of Violets.

Colledge.) Take fresh flowers of Violets lb. j. fair water boyling hot lb. ij. stop them close up in a new

glazed earthen Pot for a day, then strain by pressing: In the strained liquor lb. ii. dissolve white Sugar lb. iv. by the heat of a Bath; and taking away the scum, make it into a Syrup according to Art, without boyling.

Salmon.) It cools, moistens, and allays the heat of Feavers, quenches Thirst, cheers the Heart, comforts the Stomach and resists putrefaction. Dose ʒii. or iij.

55. *Syrupus e succo Violarum*, Syrup of the juyce of Violets.

Colledge.) It is prepared with the expressed juyce, with double weight of Sugar at least, as the former in Balneo without boyling.

Salmon.) It has all the former Virtues, but much more powerful.

56. *Julepum Violarum*, Julep of Violets.

Colledge.) It is made of the water of Violet Flowers and Sugar, observing the proportion as in Julep of Roses.

Salmon.) The Virtues are the same as in the two former.

II. Purging SYRUPS:

57. *Syrupus de Cichorio cum Rhabbarbo*, Syrup of Cichory with Rhubarb.

Colledge.) Take of whole Barly, Roots of Parsley, Fennel, Asparagus, A. ʒii. leaves of Cichory, Dandelion, Endive, smooth sow thistles, A. M. ii. Lettice, Liver-wort, Fumitory, tops of Hops, A. M. j. Maiden-hair, wall-Rue, Ceterach, Liquorice, Winter Cherries, Dodder, A. ʒvj. boyl all in spring-water lb. xii. to the Consumption of lb. iv. strain, and

and with white Sugar lb.vj. boyl ; adding towards the end Rhubarb ℥vj. Spicknard ℥vj. bound up in a thin and slack Rag ; which is first to be macerated in the boyling decoction, and often crushed or squeezed so make it into a Syrup S.A.

Salmon.) It is a pretty thing to purge Flegm and Choller with, cool and cleanse the Liver and Bowels, suppress Melancholy, provoke Urine, and strengthen the Stomach. Dose ℥ij. or iij. or you may mix ℥j. or more with some purging Decoction : for my part, I scarcely think the latter part of the Recipe sense : for the Rhubarb and Nard must be put in after the Sugar, towards the end of the boyling, and yet be macerated at first in the boyling Decoction, &c. Let them that can expound it. Culpeper also was mistaken in the Translation.

§ 8. Syrupus de Epithymo, Syrup of Epithymum.

Colledge.) Take of Epithymum ℥xx. Citron and Indian Myrobalsans, A. ℥xx. Emblick and Bellerick Myrobalsans, Roots of Polypody, Liquorice, Agarick, Leaves of Time, Calamine, Bugloss, Stachas, A. ℥vj. Dodder, Eumitory, A. ℥x. red Roses, sweet Fennel-seeds, Aniseeds, A. ℥iij. sweet Prunes N^oxx. Raisins of the Sun stoned ℥iv. Tamarinds ℥iij. digest 24. hours in sp. ing water lb. x. which boyl to lb. vi. then removing it from the fire and expressing it add fine segar lb. v. and make a Syrup S.A.

Salmon.) It gently purges hot cholerick and Melancholick humours ; unloads the Stomach and Bowels ; is good against Scabs, Tetters, Ringworms, Itch, and Leprosy ; it strengthens the Liver

and Spleen, &c. Dose ℥iii. or iv. § 9. Syrupus de floribus Persicorum, Syrup of Peach Flowers.

Colledge.) Take of fresh Peach-flowers lb.i. digest a whole day in warm water lb.iii. then press out, repeat this Infusion five times in the same liquor : afterwards strain, and to lb.iii. thereof put of the best Sugar lb.iij. and boyl them into a Syrup in B.M. according to Art.

Salmon.) It gently purges flegm and choller, and represes the force and violence of cholerick and burning Feavers. Dose ℥ij. or iij. or more.

60. Syrupus de Pomis Purgans, Syrup of Apples purging.

Colledge.) Take juce of sweet smelling Apples lb.ij. juyces of Borrage and Bugloss, A. lb.ij. leaves of Sena cleansed ℥ij. Aniseeds ℥is. Saffron ℥j. the Sena and Aniseed digest in the clarified juyces for twenty four hours, then after two or three Ebullitions strain, to which add white Sugar lb.ij. and (the Saffron being eyed up in a Rag, and often crushed in the boyling,) make a Syrup S.A.

Salmon.) It is an excellent purge for Children, it cools, cleanses and expels tartarous humours out of the Body : it works excellently, and never leaves a binding quality behind it. Dose ℥ij. or more.

61. Syrupus de pomis Magistralis, Syrup of Apples Magistral.

Colledge.) Take juce and water of sweet scented Apples, A. lb.ij. juce and mazy of Borrage and Bugloss A. ℥ix. Sena, lb.ij. seeds of Anise and sweet Fennel, A. ℥iij. Epithymum of Crete ℥ij. Agarick, Rhubarb, A. ℥is. Ginger, Mace, A. ℥iv. Cinnamon ℥ij. Saffron ℥is.

℞s. Infuse the Rhubarb and Cinnamon apart by themselves in white Wine, juce of Apples, A. ℥ij. All the rest (the Saffron excepted) must be steeped in the waters above mentioned; putting in the next day the juices; which boyl together with a gentle fire, scum, and strain through Hippocrates his sleeve, & with white Sugar lb. iv. boyl it into a Syrup, crushing the Saffron in it, being tyed up in a linnen rag, the infusion of the Rhubarb being added towards the latter end, giving after it a gentle ebullition, that it may be conserved under the form of the Syrup.

Salmon.) It purges pleasantly Choler and Melancholy, and is profitable for most Diseases arising from them; as frenzy, madness, fullness, &c. Dose from ℥ij. to iij. in a draught of decoction of Epithymum.

62. Syrupus de Rhabarbaro, Syrup of Rhubarb.

Colledge.) **℞** Rhubarb, Sena, A. ℥ijss. Violet-flowers M. j. Cinnamon ℥ijss. Ginger ℥ss. waters of Betony, Cichory, Bugloss, A. lb. ss. mix and digest warm a whole night, strain early in the morning, and with fine sugar lb. ij. make a Syrup by boyling, adding at last Syrup of Roses solutive ℥iv.

Salmon.) It gently cleanses the Stomach and Bowels of Choler and Melancholy, allays the heat of Inflammations, stops hot Rheums and Fluxes, by leaving a binding quality behind it. Dose ℥ij. or iij. in clarified whey or simple Decoction of Sena.

63. Syrupus Rosaceus solutivus, Syrup of Roses solutive.

Colledge.) **℞** spring-water boyling hot lb. iv. Damask-Rose leaves fresh,

as many as the water will contain: digest in a vessel close stopt 12 hours; then press them out, and put in fresh Rose-leaves as many as before; the water being warmed a new: repeat this again 3 or 4 times, increasing the quantity of the Roses as the liquor encreases, which will be almost by a third part every time: Take of this Liquor p. vi. white sugar p. iv. make a Syrup in B. M. S. A.

Salmon.) It is designed to purge Choller, which it does gently and pleasantly, being given in clarity'd Whey ℥iij. or more at a time. It cools and loosens the Belly, and expels flegm out of the Ventricle.

64. Syrupus de succo Rosarum Syrup of the juce of Roses.

Colledge.) It is prepared without maceration, only with the juce of Damask Roses pressed out and clarified, with an equal proportion of Sugar, as above.

Salmon.) The virtues are the same with the former, but this is more powerful.

65. Syrupus Rosaceus solutivus cum Agarico, Syrup of Roses solutive with Agarick.

Colledge.) Take Agarick cut thin ℥j. Ginger sliced ℥ij. Sa! Gem ℥j. Polypody grossly bruised ℥ij. sprinkle them with white Wine: digest two days over warm Ashes in infusion of Damask Roses lb. ss. express, and with Sugar lb. j. boyl them into Syrup S. A.

Salmon.) It cleanses the Stomach and Liver of Choler. provokes Urine, strengthens the Stomach and stays vomiting. Dose from ℥ijss. to ℥iij. If you would have the Syrup more effectual, you had best to take Agarick ℥ij. and boyl it into a Syrup with Su-

gar lb.ij. left you loose the force of the Agarick by boyling.

66. *Syrupus Rosaceus solutivus cum Helleboro Monatani*, Syrup of Roses solutive with Hellebor.

Colledge.) R of the Rinds of all the Myrobalans, A. ʒiv . Epithimum, Polypody, A. ʒvj . Liquorice, ʒiv . seeds of Citrons ʒij . Cloves ʒi . cut and grossly bruise them, put them into a glass Cucurbit, upon which affuse of the aforementioned Infusion of Roses lb. xij. digest 24 hours, then distil till about lb. iij. remains; the residue of the Liquor with the species expresse strongly, and clarify it with the white of an Egg: afterwards take Sena ʒvj . roots of black Hellebor ʒvj . Rubarb ʒij . being prepared, extract with the afore-distilled water, by a double or treble Infusion, Cotion and Expression, which with the afore clarified liquor and fine sugar. Candy lb. v. make a syrup in B.M. according to Art.

Salmon.) This differs much from that in their former Book, both in the Proportions and way of making; of the two this is the better, but tis a troublesom thing to make: It is designed as a Purge against Melancholy, Obstructions of the Spleen, Frensy and Madnes: Dose ʒj . at a time or more in Whey or Borrage-water ʒiv . It ought to be taken in a small Dose and often.

67. *Syrupus Rosaceus solutivus cum Sena*, Syrup of Roses solutive with Sena.

Colledge.) R Sena ʒvj . seeds of Caraways, sweet Fennel, A. ʒij . sprinkle them with white Wine, and digest them two days in the afore-said Infusion of Roses lb. iv. strain

it, and with white sugar lb. ij. boyl it into a Syrup.

Salmon.) It is invented as a Purge against Melancholy: and Diseases thence proceeding, it opens Obstructions of the Spleen, expels Wind, eases the Heart, comforts the Stomach, and revives the Spirits: It is also good to be given to young Virgins against the Green-sickness. Dose ab ʒjss . ad iij. or more in Decoction of Sena.

68. *Syrupus de Spina Chervoina*, Syrup of Buckthorn, or Purg-ing-thorn.

Colledge.) R of the Berries of Buckthorn ripe and fresh gathered in September, lb. ij. take their Juice, cleanse it by settling; then add Cinnamon, Nutmegs, A. ʒij . digest in B.M. for a day; after strain out by pressing, and adding white sugar lb. jss. make a syrup in B.M. according to Art.

Salmon.) It is a Purge of Universal tendency, that there is scarcely (all things considered) not the equal of it in the whole republick of Physick. It purges all humors, and that from all parts of the Body, with much gentleness, and without any danger. It may be given to old or young without respect to sex or age; for it cleanses the body of all manner of filth, searches out the ill humors lodged in what part of the Carcass soever, opens all manner of Obstructions, whether in the Stomach, Liver, Spleen, Bowels Mesentery, Reins or Bladder; cures Melancholy, the Scourvy, Dropsy, Jaundice, Gout and King's Evil, &c. Dose ab ʒjss . ad iij.

III. Sy-

III. Syrups made with Honey.

69. *Mel Anthosatum*, Honey of Rosemary-flowers.

Colledge.) Take fresh Rosemary-flowers lb.ij. Honey (despumated in Balneo) lb.ij. mix them in a glass or earthen glazed pot with a narrow mouth; which set in the Sun, and keep for use.

Salmon.) It is a great Cephalick and Stomack, helping most Diseases of the Head and Lungs, having all the Virtues of the Flowers but by reason of the Honey, is something more cleansing, and therefore much better for the Lungs.

70. *Mel Elleboratum*; Honey Helleborated.

Colledge.) Take roots of white Hellebor, dried and cut lb.ij: fair water ℥xv: after 3 days digestion, boyl it gently till the half be consumed, then strain it diligently and with pure Honey lb.ij. boyl again to the consistency of Honey.

Salmon.) It is a strong and violent Medicament, and to be given but in small Dose, viz. from ℥j. to ii. or iij. at most. It is prevalent against Melancholy Dotage, Frenzy, Madness, Dropsies, Epilepsies, Apoplexies, and such like desperate Affects: you may mix it with clarified Whey, or Decoction of Sena or Epirhymum.

71. *Mel Mercuriale*, Honey of Herb Mercury.

Colledge.) R. juce of Herb ☿ lb.ij. Honey lb.ij: depurate them, and boyl to the thickness of Honey.

Salmon.) It is an Emollient, and given ℥ij. or iij. at a time in broth or posset drink, it loosens

the Belly: but 'tis generally given in Emollient Clysters.

72. *Mel Mororum*, vel *Dianthorum*, Honey of Mulberries.

Colledge.) Take juce of Mulberries not full ripe, gathered a little before Sun rise, and juce of the tree, A. lb. i ss. Honey strained and scummed lb.ij. beat them in B.M. and boyl to a due thickness.

Salmon.) It stops all sorts of Fluxes, stays Vomiting, strengthens the stomach, causes a good Appetite, cools in Inflammations, and heals Ulcers of the Mouth and Throat.

73. *Mel Nucuum*, alias *Diacaryon* & *Dianucum*.

Colledge.) R. of the juce of the outward Bark of green Walnuts, expressed and depurated lb. ii. by gentle boiling make it thick, and with Honey lb. j. let it be boyled to the thickness of Honey.

Salmon.) It is emetick, and good to mix with Vomits, for it purges Choler and cleanses the ventricle of evil humours, becoming thereby an Antidote against the Plague, and a Preservative in Pestilential times. Dose ℥iss. in the morning fasting.

74. *Mel Passulatum*, Honey of Raisons.

Colledge.) R. Raisons stoned, and bruised in a Marble Mortar lb. ii. steep them in lb. vi. of warm water: the next day boyl in B.M. to the Consumption of the half, and press out the liquor strongly: which with Honey lb. i ss. boyl to its due consistency.

Salmon.) It is a good Pectoral, and restorative for such as are in Consumptions.

75. *Mel Rosatum commune*, five
Fc.

Foliatum, Honey of Roses.

Colledge.) *℞* Red Roses not quite opened ℥ii. Honey ℥vj. set them in the Sun according to Art.

Salmon.) It strengthens the Stomach, and heals Ulcers of the Mouth and Throat.

76. *Mel Rosatum Colatum*, Honey of Roses strained.

Colledge.) *℞* Honey disparted in Balneo lbx. juce. of fresh red Roses ℥j. set them conveniently over the fire, and when they begin to boyl put in fresh red Roses (the Whites being cut off) ℥iv. the juce consume by boylng and stirring, then strain and keep it for use.

Salmon.) The Virtues are the same with the former.

77. *Mel Scilliticum*, Honey of Squills.

Colledge.) *℞* a ripe Squill, and full of juce; cut it into bits, and put it into a glass Vessel (the mouth close stopped and covered over with a skin) set it in the Sun for 40 days, viz. 20 days before the rising of the Dog-star, and 20 days after. Then open the Vessel, and take the juce which lies at the bottom, and preserve it with the best Honey.

Salmon.) The Virtues are the same with Vinegar of Squills, except that this is better for cold Constitutions.

78. *Mel Rosatum Solutivum*, Honey of Roses Solutive.

Colledge.) Take of the manifold infusions of Damask Roses ℥v. Honey well clarified ℥iv. boyl them to the thicknes of Honey. After the same manner is prepared *Mel Rosatum ex infusionibus Rosarum Rubrarum*.

Salmon.) These have the same Virtues with the other Honeys of

Roses, and by some are ordered to be used in Clysters, though worse things might serve the turn: It cleanses and heals Wounds.

79. *Mel Violaceum*, Honey of Violets.

Colledge.) It is prepared altogether in the same manner as Honey of Roses.

Salmon.) It cools, cleanses, lenifies, strengthens, heals, and is Pectoral, having all the Virtues of the Flowers.

IV. Of Oxymels or Syrups made with Honey and Vinegar.

80. *Oxymel simplex*, Syrup of Honey and Vinegar simple.

Colledge.) *℞* of the best Honey ℥ii. fair water ℥iiss. white Wine Vinegar ℥j. boyl the Water and Honey in an earthen glazed Vessel, casting away the scum with a Wooden scumwer, then adding the Vinegar, by degrees boyl gently to the consistency of a more liquid Syrup.

Salmon.) It has the Virtues of Syrup of Vinegar which see before; only this by reason it is made with Honey is more cleansing; and therefore the fitter to be given in putrid Ulcers of the Lungs: the best way to take it (if taken alone) is with a Liquorice stick.

81. *Oxymel Compositum*, Syrup of Honey and Vinegar Compound.

Colledge.) Take of the Roots of Fennel, Parsly, Stone Parsly, Butchers Broom, Asparagus, *A. ℥ii.* Seeds of Parsly, Stone Parsly, Fenne, Anise, *A. ℥j.* steep all (their Roots being first

first cleansed and cut, the Seeds bruised in fair water ℥x. white Wine Vinegar ℥i℥s. the next day boyl in B. M. to the consumption of the third part, the remainder being strain'd and clarified, mix with Honey ℥iij. which by a gentle boyl- ing and continual skimming make into a Syrup. S. A.

Salmon.) It has all the Virtues of the former, besides which it opens all Obstructions of the inward parts, eases pain, expels Wind, provokes Urine powerfully, breaks and expels the Stone out of both Reins and Bladder; prepares the way for Purgative Physick, and is very prevalent against the Scurvy.

28. *Oxymel Elleboratum*, Syrup of Honey and Vinegar with Hel- lebor.

Colledge.) Take leaves of Rue, tops of Time, Dittany of Crete, tops of Hyssop, Penny-royal, Horehound, Carduus, Roots of Celtick Nard, without leaves) Inner Bark of Elder, A. M. j. Mountain Calamint P. ii. Seeds of Anise, Fennel, Bazil, Roman Nettles, Dill, A. ℥ii. Roots of Angelica, Aron, Squills prepared, Birch-wort long, round and climbing, Turbith, Flower-de-Luce, Costus, Polyopdy, Limon peels, A. ℥j. strings of Black Hellebor, Spurge, Agarick, added towards the end of the boyl- ing) ana ℥ii. strings of the Roots of White Hellebor ℥ss. all being dried and bruised, digest in a glass or gla- zed Vessel close stoppt, in the heat of the Sun or of a Furnace, in Posca made of equal parts of Water and Vinegar) ℥viij. Rob or Sapa ℥ij. 3 days being past, boyl it a little more than half away, strain it pressing it gently, to the strained Liqueur add

Honey of Roses (wherein Citron-peels ℥ii. have been infused) ℥i℥s. boyl to the thicknes of Honey, and with Cloves, Saffron, Ginger, Galangal, Mace, A. ℥j. perfume it S. A.

Salmon.) It is Emetick, and ought to be given after other ge- neral Remedies, being then pro- fitable against Madnes, Frenzy, the Epilepsy, Apoplexy, Convulsions, Melancholy, Vertigo's, Megrim's, Obstructions of the Stomach, Li- ver, Spleen, Mesentery and Reins, provokes Urine and the Courses, and is prevalent against Agues: Dose a ℥iv. ad vi. or ℥j.

83. *Oxymel Julianizans*, The Julian Syrup of Honey and Vine- gar.

Colledge.) Take Bark of Caper- roots, Roots of Orrice, Fennel, Stone Parsly, Butchers Broom, Succory, As- paragus, Cyprus, A. ℥ss. leaves of Harts-tongue, Schenanth, Tamarisk, A. M. i℥s. seeds of sweet Fennel ℥ss. infuse them (as above in Poscha (a little sour) ℥iij. afterwards boyl to the half: strain, and with clarified Honey and Sugar, A. ℥℥s. make a Syrup of the thicknes of Honey, S. A.

Salmon.) This is an opening Syrup, dedicated to loosen Ob- structions in all parts of the Body. It expels Wind, eases Pain, is Pe- ctoral, good against most Diseases of the Lungs: provokes Urine and the Terms, and is profitable against the Rickets in Children and Hypochondriack Melancho- ly. Dose ℥iij.

84. *Oxymel scilliticum simplex* Mesue, Oxymel of Squills sim- ple.

Colledge.) Take clarified Honey ℥iij. Vinegar of Squills ℥ii. boyl them S. A.

Salmon.) It has the Virtues of Vinegar of Squills (which see in its proper place) besides which this is much more Pectoral, cleansing and healing by reason of the Honey. It is an excellent thing to be mixt with other Vomits, to facilitate the way and manner of working: You may give it alone from one Ounce to two.

85. *Oximel scillicitum Compositum Mesuæ*, Oxymel of Squills Compound.

Colledge.) *R* O-gany, Hyssop, Time, Lovage, Cardamoms the less, Stæchas, *A.* ℥v. boyl in water ℔iii. to ℔j. strain, and add Honey ℔ii. Honey of Raisins ℔ls. juyce of Bryony ℥v. Vinegar of Squills ℔ls. boyl it well, and scum it according to Art.

Salmon.) It is a very good Vomit and Purge for Women which have not been well cleansed after their lying-in. Mesue also commends it against the Epilepsy, Apoplexy, Megrim, Vertigo and Head-ach, occasioned from the distemperature of the Stomach: It cleanses and purifies the Lungs, and opens them if obstructed: is profitable against the Scurvy, Dropsy and Gout, provokes Urine and the Terms, expels Wind, and is good against the Cholick. Dose at 3j. ad ii.

V. Syrups left out in the new Dispensatory.

86. *Syrupus ex semine Portulacæ*, Syrup of Purslane Seed.

Colledge.) Take of the seeds of Purslane grossly bruised ℔ls. juyce of Endive boyled and clarified

℔ii. Sugar ℔ii. Vinegar ℥ix. infuse the Seeds in the juyce of Endive 24 hours, afterwards boyl it half away with a gentle fire; Then strain and boyl it with the Sugar to the thicknes of a Syrup, adding the Vinegar towards the latter end of the boyling.

Salmon.) It is cooling, anodyne, and astringent, good against hot Diseases, inflammation of the Blood, it helps spitting of Blood, the Flux of the Terms and the Whites, abates Lust and acrimony of the Seed, and causes rest. Dose two spoonfuls.

87. *Syrupus Tussilaginis Compositus*, Syrup of Colts-foot Compound.

Colledge.) *R* Green Colts-foot *M.* vj. Maiden-hair *M.* ii. Hyssop *M.* j. Liguorice ℥iii. boyl them in either rain or spring-water ℔. iv. till the fourth part be consumed: then strain it and clarifie it: to which add of white Sugar ℔. iii. boyl it to the exact thicknes of a Syrup.

Salmon.) 'Tis Pectoral, and good against most Diseases of the Lungs, pains of the Sides, Stitches, Catarrhs, &c. Dose ℥ii. or iij. at a time on a Liguorice stick.

88. *Syrupus Papaveris minor Compositus*, Syrup of Poppies the lesser Composition.

Colledge.) Take heads of white and Black Poppies, when both are green, *A.* ℥vj. Seeds of Lettice, flowers of Violets, *A.* 3j. fair water ℔. viij. boyl them till the Virtue is out of the heads, then strain, and with Sugar ℔. iv. make a Syrup.

Salmon.) The Virtues are, the same with those at *S&S.* 32. an 33. foregoing.

89. *Syrupus Eupatorij*, Syrup of Maudlin.

Colledge.) Take Roots of Parsly, Fennel, Cichory, *A.* ʒij. Liquorice, Shananth, Dodder, Wormwood, Roses, *A.* ʒvj. Maiden-hair, Bedeguar, (or instead thereof roots of *Cardus Mariae*) * Suchaba, (or instead thereof roots of *Avens*) flowers or Roots of Bugloss, seeds of Anise, sweet Fennel, Maudlin, *A.* ʒv. Rhubarb, Mastich, *A.* ʒiij. Spicknard, Indian Leaf, (or instead thereof Roman Spike) *A.* ʒij. boyl them in water lb. viii. till the third part be consumed: then strain, and with sugar lb. iv. clarified juyces of Parsly (or Smallage) and of Endive, *A.* lb. ss. boyl it to a Syrup.

Salmon.) It is designed to open Obstructions of the Stomach, Mesentery, Liver and Spleen, and abate the force of Hypochondriack Melancholy. It provokes Urine strongly, and is prevalent against the Cachexy, Scurvy and Dropsy. Dose ʒii. or more, in a Morning fasting.

90. *Mel Emblicarum*, Honey of Emblicks.

Colledge.) Take Emblicks Myrobolans N^o. 50. bruise them, and boyl them in fair water lb. iii. till lb. ii. be consumed; strain it and with equal weight of Honey, boyl it into a Syrup.

Salmon.) It strengthens the Heart, Brain, Liver, Spleen, and Stomach, causes Cheerfulness, makes a sweet Breath, purges gently Flegm and Melancholy, comforts the Brain and Nerves, as also all the Senses both Internal and External. Dose ab ʒj. ad ii.

VI. Syrups added by the Author.

91. *Syrupus de Nicotiana*, Quercetani, Syrup of Tobacco.

℞ Juyce of Tobacco lb. iv. simple Hydromel lb. j. Oxygel simple ʒiv. digest two or three days in B. M. and cleanse it from the settling: then digest again till it is very clean, after, with sugar lb. ii. boyl it into a Syrup.

Salmon.) If the juyce of the Tobacco be but well digested to take away the Emetick Quality, 'twill be an excellent Pectoral, and good against most Diseases of the Lungs, chiefly Asthma's and Obstructions of the Lungs through Flegm: If this Medicine be well made, it is marvelous in these Cases, Purging by Stool, carrying off the Kings-Evil and Agues, and drying up Catarrhs. Dose half a spoonful, give it cautiously at first and increase the Dose as you see occasion.

92. *Syrupus Nicotianæ Compositus Quercetani*, Syrup of Tobacco Compound.

Take juyce of Tobacco depurated, as aforesaid, lb. i. Hydromel simple lb. j. digest in them (in B. M.) for two days, Hyssop, Maiden-hair white and red, Colts-foot, Stæchas, Violets, Bugloss, *A.* p. ij. seeds of Cotton, Nettles, *Carduus*, *A.* ʒj. Sena ʒiij. Agarick ʒj. Cinnamon, Mace, Cloves, *A.* ʒj. strain and digest till they are free from scum: then with an equal quantity of Sugar, boyl the Liqueur into a Syrup.

Salmon.) It has the Virtues
R f of

of the former. Dose ab \mathfrak{z} iss. ad \mathfrak{z} ii.

93. *Syrupus de semine Anisi Quercetani*, Syrup of Aniseeds.

Take Aniseeds bruised, \mathfrak{z} iv. Infuse them in Sack lb. ii. for three days: strain, and with sugar lb. ii. boyl it into a syrup. Thus may you make syrups of other seeds.

Salmon.) It is Pectoral, expels Wind, eases the Cholick, provokes Urine and cleanses the Reins: It is an excellent thing to give to young Children for the Gripes.

94. *Syrupus de Tusselagine Compositus Schroderi*, Schroders Syrup of Colts-foot.

Take Dates stoned, Fijubes, Sebestens, Figs, Raisons stoned, A. \mathfrak{z} iv. Colts-foot Roots and all, spotted Lung-wort, A. M. ii. Cats-foot, Ceerach, A. M. j. Liguorice \mathfrak{z} j: boyl them, and with sugar lb. ii. make a syrup.

Salmon.) It is Pectoral and Analeptick, cures Phthisicks and Consumptions.

95. *Syrupus Antepilepticus Quercetani*, A Syrup against the Falling sickness.

Take Roots of Peony, Mistletoe of the Oak, A. \mathfrak{z} ss. Cinnamon \mathfrak{z} ii. flowers of Marigold, of Lilly Convally, of the Tile-tree, of Lavender, A. P. j. red Roses P. ii: extract them with Spirit of Juniper or Wine: decant. Take of this Tincture \mathfrak{z} x: powder of sugar Candy \mathfrak{z} iv: let them burn and flame, stirring them continually, till the syrup be thick enough, then extinguish the flame.

Salmon.) It is designed for the cure of Epilepsies and Convulsions. Dose ad \mathfrak{z} j.

96. *Syrupus Resumptivus*, Syrup against Consumptions.

Be flesh of Snails, \mathfrak{z} iv. Barly \mathfrak{z} ii. Dates \mathfrak{z} j. Raisons, Liguorice A. \mathfrak{z} vj. Sebestens, Fijubes, A. N. xii. seeds of Cotton, Melons, Cowcumbers, Gourds A. \mathfrak{z} ss. seeds of Lettice, white Poppies A. \mathfrak{z} ii. Colts-foot, Lungwort A. M. j. Violets, Water Lillys, A. \mathfrak{z} ss. boyl, clarify it to lb. iv. and with sugar lb. ij. sugar of Roses and Diatragacanth frigid. A. \mathfrak{z} v. make a syrup.

Salmon.) It is an excellent thing to restore such as have been lingering in a long and wasting Consumption. Dose \mathfrak{z} ii. iij. or more at a time.

97. *Syrupus ad Hæticam Riverij*, Syrup against Hætick Feavers.

Take Tortoise flesh (either of the Land or Water) lb. ii. River Crabs lb. ijs. of the four greater cold seeds \mathfrak{z} iii. Snails cut in the middle M. ii. Juice of Pauls Betony, of Melons, A. lb. j. white wine lb. vj. juice of Tobacco lb. ii. Currans, Raisons, A. a sufficient quantity: digest two days close stopp'd in a large Matraß: then distil in Ashes: of the distilled Liquor make a syrup with sugar Candy lb. ix.

Salmon.) Give it 3 times a day, a little before eating, \mathfrak{z} j. at a time. with Lac Sulphuris and Milk of Pearl, A. gr. vii. Milk of Pearl is made by grinding them on a Marble with Rose-water, and rubbing them in a Mortar with juice of Limons to dissolve the Pearl, which filter.

98. *Oxymel Helleboratum Quercetani*, Quercetans Oxymel Helleborated.

Be strings of black Hellebor \mathfrak{z} ii. Agrick

Agarick ℥iij. Sena ℥iij. Turbith, Hermodactyls, A. ℥j. seeds of Anise, Fennel, Citron Peels, A. ℥ss. Cloves, Mace, Cinnamon, A. ℥iij. Steep them in Oxymel simple, Canary, waters of Bawm and Fumitory of each a sufficient quantity, all put into a Glass, and close stopp'd, then boyl and strain: to the depurated juyce, and Syrup of Apples solative, of juyce of Damask Roses, sugar of Roses and Violets A. ℥iv: make a Syrup.

Salmon.) It is an excellent thing for Diseases arising from Tartar, and clammy Flegm, Choler or Melancholy whether in the Head, Stomach, Brest, Liver, Spleen, Womb, or Joynts: It cures Melancholy, Frenzy, Madnesse, &c. Dose ab ℥j. ad ℥ss.

99. Syrupus Catarrhis Mulleri, Syrup stopping Catarrhs.

℞ Syrup of wild Poppies, Diamorion A. ℥ii. Rose water ℥j. Pomgranat wine ℥ss: mix them.

Salmon.) It stops Catarrhs, heals Ulcers of the Lungs, and cures Consumptions.

100. Syrupus Aristolochie Fabri, Syrup of Birthwort Roots.

℞ fresh roots of round Birthwort bruised, put upon them S. V. so much as do overtop them the breadth of five or six fingers: put them into a glass Vial close stopp'd, and digest in warm ashes for three or four days till the S. V. grows red, which then decant, adding more till all the Tincture is extracted: These Tinctures put together, and separate from them the S. V. in B. M. till the Magma is thick like Honey, to which add a sufficient quantity of sugar, and make it into a Syrup by melting; to which you may add the salt of the

root; and the deflegmated spirit of fresh Birthwort; made of the fermented juyce; to every pound of Syrup, ℥j. of the same spirit.

Salmon.) It powerfully cleanses the Blood, purges watery humours, provokes Urine and the Terms; forces away the Birth dead or alive, as also the After-birth; cures Internal Ulcers, and causes such as are external suddenly to heal. Dose ℥ss in Broth, or the Yolk of an Egg, or some proper water in the morning fasting. After this manner you may make Syrups of Spurge, Bryony, Esula, Hellebor, Wild Cucumbers, and other violent purgers: You may also do the same from the juices being depurated, whose Tincture is to be extracted (as aforesaid) with S. V. by which you will have even from very unpleasant things, very grateful Medicines, full of Spirits and efficacy.

101. Syrupus Alarbari Palmarij, Syrup of Antimony.

℞ white wine ℥vj. Rose water ℥ii: Cinnamon ℥ss. powder of Alarbari, that is, of stibium ℥j. digest a night, then decant, and with white sugar ℥viii. make a Syrup.

Salmon.) In the most intolerable pains of the Cholick It is a present Remedy, and happily used with great success. Dose ab ℥ss ad ℥j. in Chicken or Veal Broth.

102. Syrupus Asthmaticus Mynsichti, Mynsicht's Pectoral Syrup.

℞ sugar-candy lb. j. water of Lohoch sanum ℥viii. Syrups of Horebound and Liquorice, A. ℥iij. Syrups of Maiden-hair and Jusu-

℞ r 2 615

*juber, A. ℥iii. Syrup of Hyssop, and
juice of Violets, A. ℥ij.*

Salmon.) It is a very pretty
Medicine for the Asthma, hoar-
sness, loss of Voice, and Ulcers of
the Lungs: but if you add to it
Syrup of Corn Poppies ℥vj. 'twill
be much more prevalent to all the
intentions, and powerfully help
Coughs, Pleurisies, pains of the
Sides and Reins, the Cholick, &c.
Dose. *ab* ℥ss. *ad* ℥j.

103. *Syrupus Dicaetri Mynschti,*
Mynschts Syrup of Citrons.

*Be the pure clear juices of Citrons
and Limons, made red with powder
of red Roses, A. lb. j. waters of Cin-
namon and Bugloss (in which the
species Diarrhodon have been infu-
sed) ℥ij: Rob of Barberries, Rob of
English Currans, Oxyaccharum,
Rob of Raspberries, and Strawberries,
A. ℥iv. mix and make a Syrup.*

Salmon.) It powerfully resists
Putrefaction, penetrates, refreshes,
and cools: It is prevalent against
Contagions, Malign and
Choleric Fevers: is an Anti-
dote against Plague and Poyson:
comforts the Head, Heart, Stomach,
Liver and Spleen: pro-
vokes Urine, and Sweat, strengthens
the Stomach, stops Vomiting,
causes a good Appetite, and
cures Fluxes, the body being
before-hand purged. Dose ℥j.
or ij.

104. *Syrupus Juniperi Gregorij*
Harstij, Syrup of Juniper-ber-
ries.

*Take Juniper-berries, bruise them
and boyl them in a sufficient quan-
tity of Rhenish wine: strain and
press out strongly, and with a due
quantity of sugar boyl again to a
Syrup.*

Salmon.) 'Tis a great Pectoral
and Cordial, cures the Stone, and
Provokes Urine and the Terms:
Dose ℥j.

105. *Syrupus Magaritarum,*
Mynschts, Mynschts Syrup of
Pearls.

*Be Waters of Borrage, Bugloss and
Roses, A. ℥vj. salt of Oriental Pearl
℥ss. mix and dissolve, and with
sweet Almonds q. s. make an Emul-
sion, which with white sugar lbj:
boyl into a Syrup.*

Salmon.) It strengthens the
Brain and Memory, preserves the
Body sound, cures Consumptions,
restores decayed strength
and flesh lost, succours and re-
freshes old Age, and decrived and
dried Bodies: wastes away evil
Humors: increases Milk in Nur-
ses; renovates the radical moi-
sture, and above all, is a certain
preservative against the Apoplexy,
Epilepsy, Palsy, Convulsions,
being taken every day a ℥iv. *ad*
vj. either by it self, or with other
Specificks.

106. *Hydromel simplex, Simple*
Hydromel.

*Be of the best Honey lbxii. Rain
or River water lbix. boyl them to-
gether (casting away the scum) till a
raw Egg being cast in will swim
thereon: then remove it from the
fire, set it in the Sun a while, and
keep it for use.*

Salmon.) It is cleansing, pecto-
ral, diuretick, and restorative.

107. *Hydromel cum succo cera-*
forum, Hydromel with juice of
Cherries.

*Be Honey lbii. Spring-water lbxii:
Juice of sharp Cherries lbii: first
boyl the Honey and water together
that they may be well disparted;
then*

then put in the Juycce of the Cherries, which boyl again a little, scumming of it; so have you Hydromel of a most grateful taste.

Salmon.) It has the Virtues of the former, besides which it quenches Thirst, and cools the

heat of Feavers beyond most other things.

To these you may add many more syrups, whose Preparations, Virtues and Uses you may see in Our Doron Medicum, lib. 2. cap. 16.

CHAP. XVII.

Of QUIDDONIES.

1. Rob, five Sapa simplex, Quid-dony Simple.

Colledge.) Be Wine newly pressed from white and ripe Grapes: boyl it so long over a gentle fire, till one pare only of three remains, or till it is as thick as Honey.

Salmon.) When ever the words Rob or Sapa, are simply used without any other adjunct, this Medicine is that which is understood thereby. It is good to strengthen and fortify the Stomach, stay Vomiting, create a good Appetite, digest humors, and cleanse Ulcers. Dose an ounce or more before and after Meals.

2. Rob de Barberis, Quiddony of Barberries.

Colledge.) Be of the juycce of Barberries strained lbj. white sugar lbs. with the heat of a gentle

B. M. boyl it to its just thick-ness.

Salmon.) It cools excellently, and is very good in hot Feavers: quenches thirst, stops Vomiting, strengthens weak Stomachs, and causes a good Appetite. Dose ʒij.

3. Rob de Cerasis, Quiddony of Cherries.

Colledge.) Take Juycce of red Cherries a little sourish, as much as you please, and with half their weight of fine sugar, with a gentle fire, boyl them as above, according to Art.

Salmon.) It cools, quenches Thirst, recreates the Stomach, and abates the heat of Feavers.

4. Rob de Cornis, Quiddony of Cornels.

Colledge.) Take Cornel berries lbj. Fountain water q. s. macerate and force the Pulp through a

R 13 sieve:

sieve: evaporate the superfluous humidity, and with white sugar Ib℥s. boyl to its just consistency.

Salmon.) It cools, drys, binds, stops Fluxes, and is good against the immoderate flowing of the Terms, the Whites, and a Gonorrhœa, after due purging: It strengthens the Stomach, stops Vomiting and creates an Appetite. Dose *ab* ʒj. *ad* ij. of Cornel trees there are two sorts, viz. the Male and the Female: the fruit of the Male, or Cornel Cherry is that which is intended here. The Female is the Dogberry tree, supposed by some to be unwholesome.

5. *Rob Cydoniorum seu Diacydonium simplex*, Quiddony of Quinces.

Colledge.) *℞* *juice of Quinces depurated, as much as you please, boyl it gently to the consumption of the third part; then adding half the quantity of sugar, by repeating the boylng make Quiddony.*

Salmon.) It is a Specifick against Vomiting, weakness of the Stomach, want of Appetite, fluxes of the Belly, of the Terms, and of the Whites. Dose ʒij. or more.

6. *Marmalade vel Galatina eorundem*, Marmalade or Gelly of Quinces.

Colledge.) *℞* *depurated juce of Quinces Ib℥ii. boyl it half away, then add, old White Wine Ib℥v. and with a gentle fire abstract a third part, taking off the skum (as it ought:) let the rest settle and strain it: lastly, with sugar Ib℥ij. boyl it up, S.A.*

Salmon.) It has all the Virtues of the former, stops spitting of

Blood, hinders Fumes ascending up to the Head, and eaten by Women with Child, prevents Abortion.

7. *Rob Prunorum Acidorum*, Quiddony of Bullies.

Colledge.) *Quiddones of Bullies, or sour plums is made as Quiddony of Quinces, the use of Sugar is indifferent in them both.*

Salmon.) It has the same Virtues with those of Barberries and Quinces, but may be taken in a larger Dose. Note, the Pear Plum is full as good to make it of as the Bully.

8. *Rob de Ribes*, Quiddony of English Currans.

Colledge.) *It is prepared as Quiddony of Barberries, from the depurated juce by boylng.*

Salmon.) It strengthens and corroborates the Stomach, cools the heat of Feavers, and is excellent in Pestilential Distempers.

9. *Rob Baccarum Sambuci*, Quiddony of Elder-berries.

Colledge.) *℞* *Juice of Elder-berries, q.v. make it thick by degrees by the help of a moderate fire, either by it self, or by the addition of a quarter of its weight of Sugar.*

Salmon.) It is good for such as have a Cachexy, Dropsy, Jaundice, or are troubled with Watery humours, Plegm, Gouts, Feavers and Erysipelas, Obstructions of the Liver, Spleen, Womb or Kidneys, as also the Green-sickness. Dose ʒi. or ij.

10. *Rob Ebulinum*, Quiddony of Dwarf Elder Berries.

Colledge.) *After the same manner are prepared.*

Salmon.) It has the Virtues of the former, but is more effectual to the intentions.

11. *Rob Juniperinum, Quiddony of Juniper Berries.*

Salmon.) It has all the Virtues of Quiddony of Elder or Dwarf-Elder Berries, besides which this expels Wind, is good against the Pleurisy and the Chollick, and powerfully provokes Urine and the Terms, breaks and expels the Stone and Gravel out of both Reins and Bladder.

12. *Rob Veronica, Quiddony of Pauls Betony.*

Colledge.) It is made as Quiddony of Elder-berries, the Sugar only excepted, which must be equal in weight with the juyce.

Salmon.) It is a good Pectoral, prevalent against the Phthysick; It provokes the Terms & Sweat, cleanses the Blood, breaks the Stone in the Reins, & is good in Malign and Pestilential Feavers.

13. *Succus Glycyrrhizæ simplex, simple juyce of Liquorice.*

Colledge.) R *Liquorice roots*, q.v. cleanse and gently bruise them; infuse them three days in spring-water, so much as may overtop it the breadth of three fingers: then boyl it a little, and press it hard out, boyling it after with a gentle fire to its just consistency.

Salmon.) It is the greatest of all simple Vegetable Pectorals: See its farther Vertues, lib. 1. cap. 1. sect. 74. and cap. 8. sect. 31. of the same Book.

14. *Succus Glycyrrhizæ compositus, Compound juyce of Liquorice.*

Colledge.) R *Liquorice cleaned and bruised* lbj. of the Decocti-

on of Violets, Scabious and Raisons lbiv. steep it 3 days, then boyl it to the half: strain (pressing it out hard in a press) and boyl again in B.M. to the consistency of syrup, to which add Sugar-Candy six ounces: Gum Tragacanth ʒij Oyl of Anniseeds some drops: then take it away from the fire, stirring of it for some time, that it may be well mixed.

Salmon.) This is an ill preparation of the Compound juyce: you had better do it thus. R of the simple juyce (not fully boyled to its just thickness) lbj. juyce of Fennel, Hyssop, Juniper-berries, ʒx. mix and boyl to the due thickness: adding whilst hot, oyl of Aniseeds ʒiii. Salt of Tartar ʒi. mix well and keep it for use. This is certainly the greatest of all Vegetable Pectorals yet known, having all the Virtues of the simple Root exalted, which you may see lib. 1. cap. 1. sect. 74.

15. *Succus Prunorum Sylvestrium, alias Acacia Germanica, Juyce of Sloes.*

Colledge.) Take Juyce of Sloes scarcely ripe, as much as you please, which in B.M. inspissate.

Salmon.) It stops Fluxes of all sorts, and stays Vomiting: see its other Virtues, lib. 1. cap. 6. sect. 77.

Colledge.) So also are inspissated.

16. *Succus ex Absinthio, Juyce of Wormwood.*

Salmon.) It strengthens the Stomach wonderfully: See lib. 1. cap. 4. sect. 3.

17. *Succus ex Eupatorio, Juyce of Maudlin.*

Salmon.) It is excellent against

the Scurvy. See the Herb, *lib.* 1. *cap.* 4. *sect.* 16.

18. *Succus ex sumaria*, Juice of Sumatry.

Salmon.) It opens Obstructions of the Liver and Spleen, cures Hypochondriack Melancholy and Quartans: It has all the Virtues of the Herb, see *lib.* 1. *cap.* 4. *sect.* 261.

Quiddonies added by the Author,

19. *Rob Cynosbati*, Quiddony of the Hips of the Canker Rose.

It is made of the Pulp of the Hips, as is Quiddony of the Cornel Cherry.

Salmon.) It is good against the Stone and Gravel in the Reins and Bladder, stops the Terms in Women, comforts the Stomach, and stays Vomiting.

20. *Rob Nucum seu Diacaryon*, Quiddony of Green Walnuts.

Take *juyce* of green Walnuts *libiv.* Honey *libij.* boyl to the due thickness.

Salmon.) It is good against Coughs, & distillations of Rhume from the head upon the Lungs: It allays inflammations in the throat and mouth, and is prevalent against Quinlies. Dose \dot{a} *ʒij.* *ad* *iv.*

21. *Rob Mororum seu Diamoron ustatum*, Quiddony of Mulberries usual.

Take *juice* of Mulberries *libss.* *juyce* of black Cherries *libj.* Honey *libss.* *Rob simplex* (at *sect.* 1. *ʒijij.* first depurate the *juices* of the Berries, then mix them with the Honey, & in an earthen Vessel boyl to its thickness, strain, and keep it for use.

Salmon.) It is good against Ulcers of the Mouth, Throat and

Gums, used as a gargarism: otherwise it strengthens the Head, Brain and Stomach, being swallowed down.

21. *Rob Mororum simplex*, seu *Diamoron simplex*, simple Quiddony of Mulberries, from *Galen.*

Take *juice* of Mulberries *libv.* Honey *libi.* clarify the *juyce*, and boyl it to a *Rob.*

Salmon.) It has all the Virtues of the former, and may be used in the same manner.

22. *Rob de Moris Compositum*, seu *Diamoron Compositum Galeni*, Compound Quiddony of Mulberries.

It is made by adding to the former Composition, Myrrh, Saffron, *A. ʒiss.* *Rob simplex ʒij.* boyl the *Rob* with the *juyce* of the berries, and towards the end (when it is removed from the fire) add the Myrrh and Saffron.

Salmon.) It concocts and digests, and is an excellent thing against Phlegmons.

23. *Rob de Spina Cervina*, Quiddony of Buckthorn Berries.

Take of the Berries as many as you please, put them into a glazed earthen pot, to which put a sufficient quantity of good Wine, so much as may over-top them the breadth of two fingers: digest a day or two: boyl a little, and express it through a linnen cloth. To this *juyce libiii.* or *iv.* add white Sugar *libj.* boyl again to the thickness of a Quiddony, adding at last Cinnamon in fine powder *ʒiss.* Cloves *ʒij.* Ginger *ʒiiij.*

Salmon.) Its an excellent thing against Dropsies of all sorts, the Rickets, Green-sicknes, Gout, and

and Kings-Evil. Dose à ʒiij. ad ʒi. or more in strong Bodies.

24. Rob de Agresta, Quiddony of the juyce of unripe Grapes or Verjuyce.

Take Verjuyce ℥ii. white sugar ℥i. boyl to the thickness of Honey.

Salmon.) It cools, binds, stops Fluxes, stays vomiting, quenches thirst, and corrects Choler.

25. Marmelada Cephalica, Marmalade for the Head.

Take Diacridonium simplex (at sect. 5.) ʒiv. Salt of Mans skull: white Amber prepared, Nutmegs, Mace, species Diambreæ, A. ʒiii. mix them.

Salmon.) It cures most Diseases of the head, as Frensy, Madnes, Epilepsy, Apoplexy, Vertigo, Megrim, Lethargy, Fits of the Mother: Dose ʒj. or more.

26. Marmelada Stomachica calida, Marmalade warming the Stomach.

Take Rob of Quinces ʒiv. Cinnamon, Cloves, Mint in powder, A. ʒij. Salt of Mint ʒj. Oyls of Cinnamon and Cloves, A. gut. xv. mix them.

Salmon.) It warms and strengthens the Stomach, causes digestion and Appetite, expels Wind, stays Vomiting, and resists putrefaction: Dose à ʒj. ad ij.

27. Marmelada Stomachica frigida, Marmalade cooling the Stomach.

Take Rob of Quinces ʒiv. pulp of Tamarinds ʒij. Myrobalans, Emblick condited ʒj. Niter Vitriolate ʒj. mix them.

Salmon.) It cools, recreates, refreshes and pleases the Stomach: takes away the heat of Feavers, resists Putrefaction and

Plague, and stops Vomiting. Dose ʒj.

28. Marmelada Peſtoraliſ, A Marmalade for the Breast and Lungs.

Take Rob of Quinces ʒiv. juyce of Liquorice compound (of our order at sect. 14.) ʒij. Juyce of Violets, flowers of Sulphur, A. ʒj. mix them.

Salmon.) It cures Coughs, Colds, Asthma's, Phthificks, Hoarseness, Consumptions, and all other Diseases of the Breast and Lungs: Dose ʒi. or ʒiv.

29. Marmelada Cordialis calida, Marmalade warming the heart.

Take Rob of Quinces ʒiv. juyce of Alkermes ʒij. lavigated powders of Pearl and Coral, A. ʒss. Adeps Rosarum, Oyl of Cinnamon, A. ʒii. mix them.

Salmon.) It cures fainting and swooning fits, trembling, and other passions of the heart, comforts the Vital Spirits, warms and restores in Consumptions: it also comforts the Womb and preserves from Miscarriage. Dose à ʒi. ad ii.

30. Marmelada Cordialis frigida, Marmalade cooling the heart.

Take Rob of Quinces ʒiv. inspissate juyces of Borrage, Bugloss and Roses, A. ʒss. juyce of Alkermes, Conserve of Rosemary-flowers, Tartar Vitriolate, A. ʒiii. powder of Pearl and Coral, A. ʒii. mix them.

Salmon.) It comforts and refreshes the Heart and Spirits, extinguishes preternatural heat, Cardialgia, Burning Feavers, Plague and Vomiting of Choller, helps pains at the Stomach and Heart-burnings. Dose à ʒi. ad ʒii.

31. *Rob Epaticum calidum*, Quiddony heating the Liver.

℞ Rob of Quinces ζ iv. *Inspissate* *juices of Liver-wort, Bloodwort, Scurvy-grass, Fennel*, A. ζ ss. *Cinnamon, Rhubarb*, A. ζ ij. *Magistery of Salt* (at sect. II. cap. 9. of this Book) ζ ij. *mix them.*

Salmon.) It is good against Obstructions of both Liver and Spleen, cures the Cachexia, Green-sickness, Scurvy, Dropsy, Disury, Strangury, &c. Dose ad ζ ij.

32. *Rob Epaticum frigidum*, Quiddony cooling the Liver.

Take Rob of Quinces, of Barberries, A. ζ ij. *Rob of Succory, Currants, Lettice*, A. ζ j. *Pulp of Citrons condited, Tartar Vitriolate, Sal prunelle*, A. ζ ss. *mix them.*

Salmon.) It cools the Liver, Ventricle and præcordium, quenches Thirst, cools the heat of Feavers and recreates the Spirits: Dose ζ ss, it also causes rest.

33. *Rob Carminativum*, Quiddony expelling Wind.

Take Rob of Quinces ζ iv. *Nutmegs preserved, Rob of Juniper-berries, Essence of Orange and Citron-peels* A. ζ j. *Oyl of Juniper, Anise-seeds, Fennel-seeds, Carraways*, A. ζ j. *Extract of Gentian, Cloves*, A. ζ ij. *mix them.*

Salmon.) It expels Wind, cures the Chollick and griping of the Guts, warms and comforts the Bowels, prevails against Tympany, and expells Flegm. Dose ζ j. or ij.

34. *Rob Spleneticum*, Quiddony fortifying the Spleen.

Take Rob of Quinces ζ iv. *depurated juices of Ceterach, Harts-*

tongue, Broom, Tamarisk, Bawm, Elecampane, A. ζ ij. *Elaeosccharum of Rosemary, Cloves and Cinnamon* A. ζ j. *Extract of Epithymum, Polypody*, A. ζ ss. *mix.*

Salmon.) It strengthens the Spleen, dissolves hard and schirous tumors, opens Obstructions, cuts and digests humors, and is excellent against Melancholy: Dose ζ ij.

35. *Rob Stegnicum*, an astringent Quiddony.

Take Rob of Quinces, of Sloes, of red Poppy flowers, A. ζ ij. *Extract of Blood of Comfrey, Crocus Marten, Extract of Opium*, A. ζ j. *Terra sigillata, Bole Armoniac, inspissate juice of Plantane, of red Roses, Nutmegs in powder*, A. ζ vj. *Emeralds prepared* ζ ss. *mix them.*

Salmon.) It stops all sorts of Fluxes of the Bowels, Flux of the Terms and the Whites, as also the Hæmorrhoids, and other defluxions from the Head beyond what any other Medicine can do: in the greatest extremity it will not fail: if you add the Anodyne Sulphur of Vitriol ζ iv. it will be much better.

36. *Rob Terabintbinatum*, Quiddony with Turpentine.

℞ Rob of Quinces ζ iv. *Venice Turpentine* ζ ij. *Juice of Liquorice* ζ j. *seeds of Anise, Carraways and white Poppies*, A. ζ ss. *being in powder mix them.*

Salmon.) It purges the Reins from filth, expels Sand and Gravel; gives ease in internal pains, heals the Strangury and violent Gonorrhæa. Dose ζ ij or more every night going to Bed, about 3 hours after Supper.

37. To make Gellys.

It it be of Fruits, strain out their juyce, clarify with the white of an Egg, add sugar, inspissate by legrees, then pour it into plates: or thus, boyle them in water, decant the Decoction without straining. or strain, add sugar and inspissate. If of Horns and Bones thus, Take their shavings or raspings, digest them in Water or Wine, then boyl to dissolve, strain and coagulate either alone or with sugar and juyce of Limons.

Where note, 1. If the Horns or Bones be too hard; acuate the water with Spirits of Vitriol, Sulphur of Vinegar, &c. 2. In the end you may perfume it with Ambergrise, Musk, &c. Infused in Rose-water. 3. You may add Pouders or Extracts, and so make compound Jellys either to alter or purge. 4. That Gellys are so called being made of Bones, Horns, Leather, Flesh, &c. but if of Fruits, they lose that name, and are called Quid-dony or Marmalade. 5. That after this manner are prepared Jellys of Quinces, Apples, Currans, Cherries, Harts-horn, Mans Skull, with other Bones, &c.

38. To prepare Juyces.

1. Of Flowers. R^x such as are fresh, put them into an Alembick, pressing them down, putrify in Horse-dung, till they are a Mucilage; then expresse the juyce, which clarify with the white of an Egg, and gently inspissate to the thickness of Honey: Thus are made the Juyces (called by some Essences) of

the flowers of Borrage, Bugloss, Peony, Mullen, Violets, Clove-gilliflowers, Marigolds, Rosemary, Corn-Poppies, Sage, &c. 2. Of Fruits. R^x juicy Fruits, boyl and strain them before hand, then strain by a sieve, inspissating the liquid to the consistency of Honey. 3. Of Roots and Woods, Decoct in Water, then strain and abstratt; but this is rather an Extract than a Juycce. 4. From Herbs, first beat, then expresse: lastly clarify and inspissate.

Here is to be Noted, 1. That if Flowers are not very juicy, you must add Water to them in putrefaction. 2. That if you pour the juycce upon fresh Flowers, you will have more juycce. 3. That the Juyces of Fruits have another Name, viz. Rob or Sapa, as Rob of Barberries. 4. That juyces which are liquid and kept by themselves are few, because none (except fermented Juyces as Wine, Perry, Sider, &c.) will keep unless preserved with Sugar of Honey, and then they are called Syrups. 5. That Herbs which are less juicy must be steeped or insolated (the cold in Water the hot in Wine) being before hand bruised, and after their steeping to be well beaten, then their juycce to be expressed and clarified, &c. 6. If it be preserved liquid per se, it must be put into a Glasse, then covered an Inch thick with Oyl, and lastly, the Glasse close stopp with a Cork and Bladder.

CHAP. XVIII.

Of LOHOCHS.

1. **L**ohoch de Caulibus, Lohoch of Coleworts from Gordonus.

Colledge.) Take Juyces of red Coleworts lbj. Saffron Zij. white sugar, the best Honey, A. lb ss. wash the saffron with a little part of the Juyce: the other part of the juyce boyl with the sugar and hony (adding towards the end, the Diluted Saffron) to a just consistence, so as to make a Lohoch according to Art.

Salmon.) It is good against Coughs, Asthma's, Hoarseness, and loss of Voice, Catarrhs and Obstructions of the Brest and Lungs; it is good to strengthen the Liver and Spleen, the Rickets Consumptions and other Diseases proceeding from inward and unknown stoppages: Dose Zij. or more.

2. **Lohoch de Farfara**, Lohoch of Colts-foot.

Colledge.) Take Roots of Colts foot cleansed zviij. Roots of Marsh Mallows cleansed Ziv. boyl them in a sufficient quantity of fountain water, extracting the pulp through a pulping sieve: dissolve this again in the Decoction, and let it boyl a little twice or thrice, then take it from the fire, and straight way add White sugar lbj. Honey of Raisons Zxiv. Juyce of Liquorice Zijss. stir them together stoutly with a

wooden Pestle: in the mean season sprinkle in Saffron, Cloves, A. Zij. Cinnamon, Mace, A. Zij. make them into a Lohoch, S. A.

Salmon.) 1. In making hereof you had better take the expressed juyce of the Leaves and roots of Colts foot, and by adding the Honey make a Lohoch 2. Here is a whole Scruple of Saffron and Cloves to about lbvi. or vii. of the Medicament which is about a whole quarter of a grain to an ounce. You may put at least 20 times as much in, viz. about Zvij. and not fear any danger. It is good against Coughs, roughness of the Throat and Wind-Pipe, Catarrhs and Consumptions, &c. to which purpose 'twill be more effectual if you add powder of Elecampane Roots, juyce of Liquorice, A. Zi. less, especially of the Liquorice will be too little.

3. **Lohoch de Papavere**, Lohoch of Poppies from Mesue.

Colledge.) Take White Poppy seed Zxxv. sweet Almonds blanch'd with Rose-water Zij. Pine nuts cleansed, Gum Arabick and Tragacanth, A. Zvi. juyce of Liquorice Zij. white starch Zij. seeds of Rurslane, Lettice, A. Zss. seeds of Quinces Zij. Saffron Zi. White sugar candy Ziv. Syrup of Poppies

Com-

Compound ℥ij . Macerate the Gums in 4 times their quantity of the Syrup of Poppies, till they grow soft, then pass them through a pulping sieve: The Almonds, Pine-nuts, and Poppy-seeds, bruise well in a Marble Mortar, and mix with the Syrup, Sugar, Juice of Liquorice, and softened Gums, beating them well in a Mortar for a good while: Lastly, add the seeds of Purslane, Lettice and Quinces bruised, as also the Starch and Crocus in powder passing them through a sieve, and reducing the Mass into the form of a Lohoch, S. A.

Salmon.) It is a good thing against thin distillations, Rheums, Catarrhs, Salt and Sharp Humors, Coughs, Asthma's, Pleurisies, Watchings, Quinsies, burning Feavers. Dose ℥iv . about an hour after Dinner: or, if to sleep, an hour after Supper.

4. Lohoch de Passulis, Lohoch of Raisons, ex Aug.

Colledge.) Take Roots of the Male Peony, of Liquorice, A. ℥ss . Leaves of Bawm, Hyssop, Harts-tongue, A. M. ss . boyl in spring-water, and expresse forcibly, and adding Raisons, stoned and bruised ℥ij . boyl again, and through a linnen cloth, strain by expressing; then by mixing therewith white sugar ℥ij . make a Lohoch, according to Art.

Salmon.) It is good against Coughs, Consumptions, Convulsions and the Falling-sickness.

5. Lohoch de Pino Melua, Lohoch of Pine-nuts.

Colledge.) Take Pine-nuts fresh and cleansed ℥xv . sweet Almonds blanched, Haste-nuts gently roasted, Gum Tragacanth, Gum Arabick, Powder of Liquorice, and Juice thereof, white Starch, Maidenhair, Or-

rice, A. ℥ij . Pulp of yellow Dates ℥ij . Bitter Almonds ℥ss . Honey of Raisons, white sugar, A. ℥iv . Oyl of sweet Almonds (to be added in time of using it if need require) ℥ss . of the best Honey ℥ss : Dissolve the Gums in a fourfold quantity of Maiden-hair-water: then strain through a hair sieve, and with lb. ij . the best Honey mix at a gentle fire, stirring of it a good while with a wooden Ruddle: afterwards sprinkle in the Orrice root, Maiden hair, Liquorice, sugar and starch, being in fine powders: then the Dates, Pine Nuts, Almonds, and Haste Nuts, (which let be cut small, and levigated a part in a Marble Mortar) mix all well. Lastly, both the Gums mixed with the Honey of Raisons (in which the Juice of Liquorice was first dissolved) let be added, the Vessel being taken off from the fire, stirring them a while till they are perfectly mixed, and make a Lohoch according to Art; adding fresh or sweet Oyl, the Medicine being presently to be used.

Salmon.) 1. This is taken almost word for word out of the Augustan Dispensatory, save that this is made in half the Quantity, and instead of fresh Butter, there is ordered but half the half quantity of Oyl of sweet Almonds. 2. Here is two whole drams of white Starch to above lb. iv . of the Composition, which is nearly about a quarter of a grain to a Dose. 3. The Colledge in transcribing this Recipe, forgot themselves doubtless (for otherwise the Prescript is nonsense, and an impossibility) for Whereas they halved the Ingredients in their Dispensation and so

so ordered but Honey $\text{\textcircled{H}}$ is: they forgot to have it in the Preparation, and then ordered Honey $\text{\textcircled{H}}$ ij. (*viz.* the full quantity of Honey for the double quantity of the Medicine in the Augustan Dispensatory.) 4. The Medicine must have Honey $\text{\textcircled{H}}$ ii. in the Preparation, and yet when all is done you must put into it but $\text{\textcircled{H}}$ is, which is such a riddle, that neither I nor several very able Apothecaries, with whom I have conversed about it, are able to unfold. 5. What is meant by a four-fold Quantity of Maiden-hair Water; Whether they mean four Thimbles full or four Hogheads, or what? The Augustan Dispensatory says $\text{\textcircled{H}}$ ij. for the Double quantity, which is lb. iss. for the half. 6. When all this is done (considering the Trouble) the Medicament is scarcely worth a rush, there being many ordinary things and far more easily prepared, much beyond it. But O! the wits of men! It has some of the Virtues of the Lohoch of Poppies (at sect. 3.) but that a thousand times transcends this.

6. Lohoch de Portulaca, ex Aug. Lohoch of Purslane,

Colledge.) $\text{\textcircled{R}}$ Juice of Purslane strained lb. ii: Troches of Terra Lemnia $\text{\textcircled{Z}}$ ii. Troches of Amber Gum Arabick, Sanguis Draconis $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ j. Blood-stone, Wooll of a hare rosted, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ ii. white Sugar lb. j. mix and make a Lohoch, S. A.

Salmon.) This Medicine binds and consolidates much. It is good against spitting, inward bruises, the frettings of any of the Vessels, the overflowing of the Terms, and Ruptures. Dole $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ j. ad ii, liij.

or more, according to Age and strength.

7. Lohoch & Pulmoni Vulpis $\text{\textcircled{M}}$ $\text{\textcircled{J}}$ ue, Lohoch of Fox Lungs.

Colledge.) $\text{\textcircled{R}}$ Fox Lungs rightly prepared, Juice of Liquorice Maiden-hair, seeds of Anise, Fennel $\text{\textcircled{A}}$ p. j. sugar boiled into a syrup with Colts-foot and Scabious water p. xv: to this syrup, add the former things in very fine powder, stirring them about strongly, to make a Lohoch, S. A.

Salmon.) The Augustan Dispensatory orders fifteen times the weight of pure fine Sugar. But *Mesue* the Author hereof sixteen ounces of Honey, which is better: It cures the Phtisick Consumption, Ulcers of the Lungs, &c. But here is to be noted Extract of Fox Lungs is much before the Powder.

8. Lohoch sanans $\text{\textcircled{M}}$ $\text{\textcircled{J}}$ ue, The Healing Lohoch of *Mesue*.

Colledge.) Take leaves of Garden Hyssop, Calamint, $\text{\textcircled{Z}}$ ss: *Jubas*, *Sebestens*, all stoned, $\text{\textcircled{A}}$ N^o xxx. Raisins stoned, fat figs, new Dates, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ ii. seeds of Line, and *sanugreek*, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ v. Maiden-hair $\text{\textcircled{M}}$ seeds of Anise and Fennel, Orrice roots cut, Liquorice bruised, Cinamon, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ ss. boyl all according to Art in fair water lb. iv. to the half: with sugar Penids lb. ii. Gum Tragacanth and Arabick dissolve in the former Decoction, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ lii boyl it into a syrup. Afterward cut into little bits and bruise. Pine nuts cleansed $\text{\textcircled{Z}}$ v: sweet Almond blanshed, Liquorice, starch, $\text{\textcircled{A}}$ $\text{\textcircled{Z}}$ lii Orrice roots $\text{\textcircled{Z}}$ ii. sprinkle these into the syrup when it is off from the fire and stir it about swiftly with a wooden Pestle till it look white.

Salmon.

Salmon.) It is a Mucilaginous, unpleasant Medicament, and the same with that in their old Book called *Lohoc sanum & expertum*, except only that here is but half an Ounce of the Anise, Fennel, Orrice, Liquorice and Cinnamon, which ought to be an Ounce of each. It has the Virtues of *Lohoch & Pino* at sect. 5. and may be used instead thereof.

9. *Lohoch Scilliticum Mesue*, *Lohoch of Squils.*

Colledge.) R^e of a Squill baked in *Passe Zili*. Roots of Orrice Zii. Hyssop, Horehound, A. Zi. Saffron, Myrrh, A. Zss. Honey Ziiss. after the Squill is baked, bruise it in a Stone Mortar, which mix with the Honey, and boyl it a little, then sprinkle in the rest of the things, being made into a fine powder, and make a *Lohoch*, S. A.

Salmon.) It is something Emetic, prevalent against affects of the Breast and Lungs, old Coughs, difficulty of Breathing, Illness of Stomach, Loathing of Meat, Indigestion and want of Appetite, purging thick and tough slegm lodging in those parts. Dose Zi.

A *Lohoch* left out in their new Dispensatory.

10. *Lohoch & succo scilla Galeni*, *Lohoch of the juyce of Squils.*

Colledge.) Take juyce of Squils and Honey, both of them clarified, ana lb. ij. boyl them together according to Art, to the thickness of Honey.

Salmon.) It has the Virtues of Vinegar and Oxyssel of Squils,

which see in their places, but this (because there is no Vinegar in it) is much better for Asthmatical People, and such as are troubled with difficulty of Breathing.

Lohochs added by the Author.

11. *Lohoch ad sputum sanguinis*, A *Lohoch* for spitting of Blood.

R^e Conserve or blood of Comfrey, old Conserve of Roses, A. Zss. Preserved Quinces Zi. Troches of Terra Sigillata Zii. Syrup of Myrtles q. s. make a *Lohoch*.

Salmon.) Besides what the Title specifies, it stops Fluxes, is good to stay the Whites and Terms in Women, to consolidate Ruptures, and heal Ulcers in the Lungs.

12. *Lohoch Rosatum Mynsichti*, *Lohoch of Roses.*

R^e Conserve of red Roses tinged with spirit of Sulphur Ziv. *Lohoch* of Colts-foot prepared with sugar Zii. Species diarrhodan Abbatis Zi. Lac sulphuris Zss. fine Bole, juyce of Liquorice, A. Zi. Saffron Zi. flowers of Benjamin, Cardamoms the less, Mace, A. Zss. Balsam of sulphur anisated Zi. Adeps Rosarum gr. iv. mix, and with some Pectoral Syrup make a *Lohoch*.

Salmon.) It is excellent against violent Coughs, Catarrhs, difficulty of Breathing, exulcerations of the Breast and Lungs, spitting of Blood, &c. Dose the quantity of a Nutmeg.

13. *Lohoch seu Diacodion Crocatum Mynsichti*, *Mynsicht's Lohoch* with Saffron.

Take

Re white poppy heads with the seeds
 No^{xxij}, Pulp of Carobs, Liquorice
 sliced A. $\mathfrak{z}\text{ij}$. seeds of Marsh Mal-
 lows, Quintes of Cotton, Myrtle-ber-
 ries A. $\mathfrak{z}\text{ls}$. Firs, Dates, Sebestens, A.
 No^{xj}: Flowers of red Hollyhocks,
 of Violets of Nayweed, A. $\mathfrak{z}\text{ij}$, boyl
 all in a sufficient quantity of Spring-
 water, strain and to lb. ij. of the
 strained Liquor, add Sugar Candy,
 rosate Penids, A. lb. \mathfrak{ss} . make a thick
 syrup, adding towards the end syrup
 of the juce of Corn-poppy flowers,
 syrup of Fijubes, A. $\mathfrak{z}\text{ij}$: Extract
 of saffron $\mathfrak{z}\text{ls}$.

Salmon.) It is good to stop all
 sorts of distillations (whether
 hot, thin, sharp, or salt) proceed-
 ing from the Head falling upon
 the Throat and *Aspera Arteria*;
 In continual Coughs and Watch-
 ing it is a Secret: It digests,
 makes thick, glutinates, expec-
 torates, quenches thirst, cools
 inflammations, corroborates the
 Spirits, eases the most acute pains,
 as the Chollick, Stone, Pleurisy,
 Gout, &c. It cures burning Fea-
 vers, all Fluxes of the Bowels,
 and stops the Terms and Whites
 in Women. Dose à $\mathfrak{z}\text{i}$, ad ij ,
 iij, or iv.

14. *Lohoch Passulatum Quercetani*,
Quercetan's Lohoch of Raisons.

Take Roots of Colts-foot, Ligo-
 rice, A. $\mathfrak{z}\text{j}$: Elecampane $\mathfrak{z}\text{ls}$.
 Leaves of Scabious, Bawm, Hyssop,
 A. $\mathfrak{m}\mathfrak{j}$ flowers of Colts-foot, Violets,
 Bugloss, Water Lillies A. P. ij : A-
 niseeds $\mathfrak{z}\text{vj}$: boyl them in simple
 Hydromel, then strain: To lb. iv.
 of which, add Raisons stoned lb. \mathfrak{ss} :
 Fijubes, Sebestens, A. $\mathfrak{z}\text{ij}$: boyl to
 the consumption of the half, then
 press out the liquor, adding sugar
 Candy, Penids, A. $\mathfrak{z}\text{iv}$: boyl again

to the consistency of Honey, to which
 put flowers of sulphur $\mathfrak{z}\text{ls}$: mix them
 Salmon.) It has the Virtues of
 Lohoch & Passulus at Sect. 4. but
 much more effectual, being
 good Pectoral, and prevails
 against most Diseases of the
 Lungs.

15. *Lohoch ex Aliis*; Our Lo-
 hoch of Garlick.

Re Juce of Garlick, lb. j. Juce
 of Hyssop, Poppy flowers, Liquorice
 A. $\mathfrak{z}\text{iv}$; mix and clarify them
 then with pure Honey lb. j. poude
 of Elecampane $\mathfrak{z}\text{vj}$. of Cloves, Nut-
 mugs and Cinnamon, A. $\mathfrak{z}\text{j}$. make
 Lohoch.

Salmon.) It cures Coughs, Colds,
 Phthisicks, Asthma's, Catarrhs,
 Watchings, Ulcers in the Lungs,
 Cholick, Pleurisy, Disentery,
 Lienterie, Gouts, violent burn-
 ing Feavers, Plague and all Mal-
 lign and Pestilential Distempers
 more especially, if you add
 many drops of Spirit of Vitriol
 or Sulphur, as may give it a grate-
 ful acidity.

16. *Lohoch ex Cassia*, Lohoch of
 Cassia from Schroder.

Re Decoction (made of equal parts
 of Mallows, Mercury, Pellitory,
 Violets, Beets, Wormwood) lb. iv.
 Cassia, clarified Honey A. lb. iv.
 boyl them into a Lohoch.

Salmon.) It is an excellent
 Laxative, cools and cleanses the
 Reins, and Bowels: Note, that
 instead of Wormwood, you had
 better take Wood Sorrel.

17. *Lohoch de Ribes*, Lohoch
 of English Currans.

Take Pulp of Currans $\mathfrak{z}\text{iv}$: su-
 gar Candy, waters of Scabious,
 Fennel, Colts-foot, A. $\mathfrak{z}\text{ij}$. make
 Lohoch.

Salmon.) It was invented for sharpness of Coughs and Catarrhs Pectoral, to take away the Dose ʒij.

CHAP. XIX.

OF PRESERVES.

1. *Conditia Radicum*, Preserved Roots.

Colledge.) Take of *Evingo* roots, as many as you please, cleanse them without and within, taking the Pith out: steep them one or two days in fair Water, shifting the Water sometimes, after dry them with a cloth: then take their equal weight in white sugar, and as much Rose-water as will make it into a Syrup, which being almost boyled, put in the Roots, and let them boyl till the superfluous moisture be consumed, the remainder being in the just body of a Syrup. Not much unlike to this are preserved the Roots of *Acorus*, *Angelica*, *Borrag*, *Bugloss*, *Succory*, *Elecampane*, *Burnet*, *Satyrion*, *Cicely*, *Comfrey*, *Ginger*, *Zedoary*.

Salmon.) Here is to be noted; 1. That the Roots to be Candied, ought to be soft, and not too thick, that the Liquor may pierce them, otherwise they must be sliced thin. 2. That they ought to be pleasant, because they are to be Eaten: if they be unpleasant they must be steep'd in cold water, two, three, four, five, six or seven days, casting away the water every day: or else boyled in Water till the bitterness is gone, and the Root

becomes soft. 3. Instead of Water you may sometimes steep them in a Lixivium of Salt of Tartar, and then sweeten them with fair water. 4. You may Aromatize them by adding Spices. 5. They are preserved either with Clarified Sugar, Honey or Pickle, as every one likes best.

2. *Conditia Caulium*, Preserved Stalks.

Colledge.) Take Stalks of *Artichokes*, not too ripe, as many as you will; of which take (contrary to what we spoke in Roots) only the Pith, and preserve them with their equal weight in sugar, boyling them as before, till they are condited, according to Art: so also are prepared the Stalks of *Angelica*, *Burdock*, *Lettice*, &c. before they be too ripe.

Salmon.) If they be hard they must be softened by steeping, and slicing, &c. observing (in like case) the notes before going.

3. *Conditia Corticum*, Preserved Barks.

Colledge.) Take fresh *Orange* peels, as many as you please, take away the exterior Tallowiness: steep them in water for the space of 3 days at least, often renewing the water, then cast them into the sugar boyled as before, and preserve them.

them. In like manner are preserved the Peels of Citrons and Limons.

Salmon.) But here is to be Noted, that those Barks which are soft and not bitter need no Infusion before hand at all.

4. *Condita florum*, Preserved flowers.

Colledge.) *Rx* flowers of Citrons, as many as you please, and with sugar preserve them so as they may keep: so must you do with the flowers of Oranges, Borrage, Primroses, &c.

Salmon.) Here is to be Noted, 1. That Flowers are Candied by pouring on them Syrup of Sugar highly boyled. 2. Some are Candied whole, as flowers of Citrons, Oranges, Roses, Cowslips, &c. 3. Some are Candied by covering them *stratum super stratum*, with fine loaf Sugar. 4. Some Flowers, as Capers, are Preserved with Pickle. 5. Some anoint the Flowers with Glair of Eggs, sprinkle them with White Sugar, and set them in the Sun to dry, so will they be kept whole and well coloured.

3. *Condita Mala seu fructuum*, Preserved Apples or Fruits.

Colledge.) Take Apricocks, as many as you will, take away the outward Skin and the Stone, and mix them with the equal weight of fine white sugar, then after four hours, take them out, and boyl the sugar without any other liquor, then put them in again and boyl them as they ought, according to Art. The manner of preserving other Fruits are the same, or at least not much unlike it, as whole Barberries, Cherries, Cornels, Quinces, Peaches, Apples, all the sorts of Myrobalans,

Haste-nuts, Wall-nuts, Nutmegs, Raisons, Pepper brought green from India, Garden and Wild Plums, Pears, Grapes.

Salmon.) 1. Some take soft Fruits as Cherries, Barberries, Currans, Peaches, and add half a part of Syrup of Sugar or Honey, and boyl till the moisture is gone, otherwise they will mould.

2. The harder sort, as Citrons, Quinces, &c. are first to be softened, and the bitter to be made pleasant. 3. Limons and Olives, as also Cowcumbers, French Beans, &c. are preserved with Pickle. 4. Nuts ought to be Green, and before the Shell is hard, then to be pierced with a Bodkin, steep ten days in cold Water, boyled soft, dried, Aromatized with Cinnamon (by sticking it in them) and then boyl again with Sugar and Water, of each an equal part.

6. *Condita Pulparum*, Preserved Pulp.

Colledge.) Pulp also are preserved, as of Barberries, Cassia Fistula, Citrons, Hips, Quinces, Sloes, &c. Take Barberries, as many as you please, boyl them in a sufficient quantity of Spring water, till they are tender, then having pulped them through a sieve, that they may be free from the Stones, in an earthen glazed Vessel boyl again with a gentle fire, stirring often for fear of burning, till the watery part is consumed, afterwards take of this Pulp *℞* which mix with sugar *℞* and boyl it to a just consistency.

Salmon.) This is nothing but Rob or Quidony boyled up yet higher.

7. *Maria Condire*, To preserve with Pickle.

Colledge.) Broom-buds; or flowers are also preserved, but with Brine and Vinegar; and among fruits, Capers, Olives, &c. Lastly, among the barks; Cinnamon, amongst flowers; Roses and Marigolds: Amongst fruits, Almonds, Cloves, Pine-nuts, Pistick-nuts, &c. are said to be preserved: so also seeds and young shoots or twigs. But with this difference; they are incrust-
ed with dry sugar, and are more properly called Confects than Preserves.

Salmon.) The best way of Pickling is thus: First make Brine by boyling with it Bay-salt so strong that it will bear up an Egg; Into this Brine warm put the Fruits you would Pickle, where let them remain four and twenty hours: then decant the Brine, and take out the Fruit, and put it into a sufficient quantity of white Wine Vinegar well boyled, putting in the Fruit whilst it is boyling hot: in this Vinegar, keep the pickled Fruit; adding to every Gallon, Ginger sliced 3j. Cloves slit 3j. Pepper, Dill and Fennel seeds bruised and tyed up in a rag, A 3ls. Where Note, you ought to shift the Vinegar, every two months adding fresh, keeping the Vessel all the while close stopp'd up, Or thus, After a week or ten days, draw off the Vinegar and boyl it again, and then put in the Cow-cumbers again boyling hot, as before; repeat this work once, or twice more, and they will be very green, and keep well all the year, being kept close stopp'd or covered. Thus are pickled Capers, Broom-buds, Sampire, Tops of Fur-

slane, Limons, Olives, Cowcum-bers, French or Kidney beans, &c.

8. The making of Conserve.

Colledge.) Leaves of wormwood; Sorrel, Wood-sorrel; flowers of Oranges; Betony, Borrage, Bugloss, Marigolds; the tops of Carduus; flowers of Centory the less, German-der, Succory; leaves of Scurvy-grass; flowers of Comfrey, Bawm, Hips; Roots of Elecampane; leaves and flowers of Ey-bright: Tops of Fumitory, Goats Rue, flowers of Broom not quite open; of Hyssop, Lavender, white Lillies, Lillies of the Valley, Marjoram, Mallows, the Tops of Bawm; leaves of Mint, flowers of water-Lillies, Corn Poppies, Peony, Peaches, Cowslips, Roses white, Damask, red, and of the Canker Bryar, Rosemary; leaves of Rue; flowers of Tile-tree, Colts-foot, Violets. From all these are made Conserve with a triple quantity of white Sugar: yet it is to be noted, that they must not be all mixed alike: for some of them must be first cut, beaten and gently boyled: some neither cut, beaten, nor boyled: And some admit 5 or except against but one of them: Which every Artist in the Operation may easily find out by this only premonition, and so avoid Error.

Salmon.) This is the last way and manner of Preserving; which, because the Colledge has delivered somewhat promiscuously, we shall a little explain. 1. Roots are first to be boyled, then stamped or strained through a sieve and then conserved. 2. Herbs and flowers being green, are done, being first cut small, and beaten up with Sugar to a Conserve: but some lay them

rum or lay upon lay, and so set them in the Sun, but that is rather the first way of preserving: Others beat them into a Conserve with Syrup of Sugar. 3. Fruits are always to be pulped througe a Sieve. 4. In moist and mucilaginous things use a double Proportion of Sugar: in dry things a treble Proportion with a little Rhenish Wine or Sack. 5. The general Rule is to beat it in a Stone Mortar with a wooden Pestle, adding the Sugar as you beat.

Conserve added by the Author.

9. *Conserve Hedere Terrestris Composita*, ex Aug. Conserve of Ground Ivy Compound.

Re Leaves of Ground Ivy, of Rue, ana ℥iiss. of Radishes ℥j. Roots of Angelica, Lovage, A. ʒvj. white Sugar lbj. ʒivis: cut, bruise and make a Conserve: adding, if need

require, juyce of Limons enough to make it of a just thickness.

Salmon.) It is designed as an Antidote against the Plague, and all malign and burning Feavers: It provokes sweat, and defends the Heart. Dose ʒj. or more, several times a day.

10. *Conserve Cephalica*, a Conserve for the Head.

Re Rosemary-flowers ʒvj. Mace, Nutmegs, A. ʒiv. seeds of white Poppies ʒii. Saffron ʒj. white Sugar lbij. bruise all, and with juyce of Limons or Citrons make a Conserve S. A.

Salmon.) It is a remedy against most cold and moist Diseases of the Head and Brain; as the Epilepsy, Apoplexy, Palsy, Vertigo, Lethargy, Megrim, Head-ach, &c. It warms and comforts the Stomach, revives the Heart, cheers the Spirits, strengthens the whole Body, and restores in Consumptions.

CHAP. XX. Of SUGARS.

1. *Diacodium solidum*, five Tabulatam, or Lozenges of Poppies.

Colledge.) Take white Poppy Heads meanly ripe, and newly gathered N^oxx. steep them in spring-water warmed lbij. the next day boyl till the Virtue is out. Lastly, strain out the Liquor, and with a sufficient quantity of fine sugar boyl again S. A. so as it may be made up into Lozenges.

Salmon.) It thickens and stops

Catarrhs, helps Coughs, Roughness and Soreness of the Wind-pipe, causes rest and Sleep, and eases all sorts of pains. You may carry them in your Pocket, and eat them as you see occasion.

2. *Saccharum Tabulatam simplex & Perlatum*, Lozenges of Sugar Simple and Pearled.

Colledge.) The first is made by casting the Sugar out upon a Marble, after a sufficient boyling in half its weight of Damask Rose-water.

But the latter, by adding to every pound of the former, towards the latter part of the Coktion, Pearls prepared and bruised ʒi. with leaves of Gold N^o viii. vel x.

Salmon.) The first has only the Virtues of Sugar: The latter of Pearls joyned to the Sugar: It cools and comforts the Heart and Spirits; takes away the heat of burning Feavers, refreshes all the powers of Nature, and restores in Consumptions. Dose ʒi. or more.

3. *Saccharum Tabulatum Compositum*, Lozenges of Sugar Compound.

Colledge.) R^e Choice Rhubarb ʒiv. Agarick Trochiscated, Coral-lin^e, Harts-horn burnt, Dittany of Crete, Wormseed, Purslane and sorrel seeds, A. ʒi. Cinnamon, Zedoary, Cloves, A. ʒss. white sugar beaten fine ʒj. dissolve in Wormwood water ʒiv. Wormwood Wine ʒj. Cinnamon water a spoonful: with the forenamed powders make it into Lozenges according to Art.

Salmon.) It Comforts and warms a cold and weak Stomach, expels wind, kills worms (for which as some think the Medicine was designed, cleanses the Bowels, and causes a good Appetite. Dole ʒij in a morning fasting.

4. *Saccharum Penidium*, Sugar Penids.

Colledge.) They are prepared of sugar dissolved by a gentle fire in Barly water, and the whites of Eggs diligently beaten together, and clarified twice by boyling: then strain it through a Cloth, and boyl it gently again till it rises up in great bubbles, and being chewed, sticks not

to your Teeth; then pour it upon a Marble anointed with Oyl of Almonds (letting first the Bubbles sink after it is removed from the fire) bring back the out sides of it to the middle, till it looks like Larch Rosin: after that, your hands being rubbed with white starch, you may draw it into threads, either short or long, thick or thin; and as it best likes you, let it be hardened in what form you please.

Salmon.) These Penids have all the Virtues of Sugar, and serves to the same intentions, being a good Pectoral and easier of Coughs.

5. *Confectio de Thure*, Lozenges of Frankincense.

Colledge.) R^e Coriander seeds prepared ʒss. Nutmegs, White Frankincense, A. ʒij. Liquorice, Mastick, A. ʒij. Cubebs, Harts-horn prepared A. ʒj. White sugar a sufficient quantity, to make it into ordinary bits.

Salmon.) These Lozenges dry much, and therefore help cold and moist Distempers of the Brain and Nerves: they stop Catarrhs, strengthens the Head and Stomach, expel wind, and are prevalent against the Cholic. Dose ʒj.

6. *Saccharum Rosatum Tabulatum*, Lozenges of Sugar of Roses.

Colledge.) Take red Roses, the whites being cut off, and speedily dried in the Sun, ʒj. White sugar ʒj. melt the sugar at the fire in red Rose-water; and juce of the same, A. ʒij. which being consumed by degrees, put in the Rose-leaves in powder, mix them, and put it upon a Marble, that it may

be made into Lozenges according to Art.

Salmon.) These Lozenges comfort the Head, Breast, Lungs and Liver, stops Fluxes, stays Vomiting, and are good for such as are in Consumptions. Dose ʒss.

Lozenges added by the Author.

7. *Anisum laxativum*, Lozenges of Aniseeds Laxative.

℞ Aniseeds cleansed ʒvi. *Diagridium* ʒiii. ʒvj. Mastick ʒss. species de *Gemma frigida* ʒii. species *diamargariton frigid.* Cinnamon, Cloves, Nutmegs, A. ʒi. white Sugar ʒbv ʒiv. mix and make Lozenges S A.

Salmon.) It is an excellent and pleasant Medicine to move the Bowels, and purge out gross humours: It is to be given in a Morning fasting ʒij. or half an ounce at a time.

8. *Confectio adversus Lumbricos*, Lozenges against Worms.

℞ white sugar dissolved in Rose water, and boyled to the consistency of Lozenges ʒiv. to which, being removed from the fire and a little cooled, add ʒ. *dulcis* levigated, (and washed with warm water) ʒss. *Mecboachbar* ʒss. mix and make a Mass for Lozenges white and in the form of *Manus Christi*. Pharm. Reg.

Salmon.) It is a safe and excellent thing to kill Worms: it may be given to Children and Infants without any danger. It also expels excrementitious humors, cures Feavers, Gouts and the French Pox. Dose a ʒi. ad iv.

9. *Elæosaccharum Citri Mynsichti*, Sugared Essence of Citrons.

℞ Rose-water ʒxvj. Citron-peels (the White taken off) ʒij. distil by a *Vesica*: separate the Oyl from the Water, rectify and reserve it. Afterwards take white sugar candy ʒiiij. rectified Oyl of Citrons ʒss. mix and you have *Elæosaccharum Citri* most odorous. Or thus, Express the Oyl out of the said outward peels of Citrons, and mix it with a sufficient quantity of white sugar candy: this may serve when the other cannot be had.

Salmon.) It is good against the weakness of the Stomach and Heart, causeth digestion, expels Wind, resists Poyson, is an Antidote against Plague and other malign Diseases, causes a sweet Breath, a good Appetite, and a healthful habit of Body: Dose ab ʒss. ad ʒj. in some convenient Vehicle, chiefly in Canary: After this manner you may make the sugared Oyls of all sorts, of Aromaticks, Gums, Barks, Peels, Herbs, Flowers, Seeds, &c. as of Cloves, Cinnamon, Mace, Nutmeg, Cassia lignea, Pepper, white Amber, Mastick, Marjoram, Sage, Rue, Lavender, flowers of Camomil, Roses, Violets, seeds of Anise, Fennel, Angelica, Carraways, Cummin, Dill, &c.

10. *Diacodium in solido Usitatum*, ex Aug. Lozenges of Poppies usual.

℞ white poppy seeds ʒss. waters of Colts foot and Roses, A. ʒiss. make an Emulsion, and with white sugar ʒiv. make Lozenges.

Salmon.) They have the same Vir-

Virtues and Uses with those at sect. i.

11. *Saccharum ex Mercurio Vitæ correcto*, Lozenges of Mercurius Vitæ corrected.

Take of the best Mercurius Vitæ ℥ii. common Salt ℥j. pure Niter ℥vi. mix and beat these together, and levigate them upon a Porphyry stone for about four hours: then with warm water wash away the sales perfectly; so will the Mercurius Vitæ be freed from its Emetick Violence; afterwards take white Sugar ℥iij. dissolve it in Rose water, and boyl it to the consistency for Lozenges: Then taking of it from the fire add of the afore corrected Mercurius Vitæ ℥iss. and make Lozenges.

Salmon.) It purges (not upwards at all but) only by Stool, all excrementitious humors: it is excellent against the Scurvy, Dropsy, Pox and Gout. Dose à ℥i. ad ℥ij.

12. *Diacydonium Laxativum Pellucidum*, Lozenges of Quinces purging.

℞ Rosin of Scamony in fine powder ℥iv. put to it a little S. V. rectified, Marmalade of Quinces perfectly boyled ℥iiii ss. mix them well and make Lozenges.

Salmon.) This is designed for such as cannot take unpleasant Physick. It purges flegm & choler powerfully, even from the remote parts. Dose à ℥ij. ad iv.

13. *Zinziber Laxativum*, Lozenges of Ginger Laxative.

℞ Ginger ℥ij. Cinnamon, Cloves, A. ℥i. Nutmegs, Galangal, A. ℥j. Saffron gr. xiv. Turbith ℥iss. Diagridium ℥iij. Sugar ℥iv. mix and make Lozenges.

Salmon.) It purges Choller and Flegm: melts the humors, and therefore is cautiously to be taken by such as are of a hot and Feverish constitution. Dose to a man à ℥iij. ad iv.

14. *Diacodion in solido Astuarij*, Lozenges of Poppies Compound.

Take Poppy heads N^o xxx. red Roses ℥ij ss. Saffron, Acasia, Liquorice, A. ℥i. fine Bole ℥iv. Cinnamon, Comfrey roots, Hypocistis, Balaustians, A. ℥i. Myrtle berries, Daucus seeds, A. ℥i. Coral red and white, Sumach, Sanguis Draconis, flowers of Althea, A. ℥ii. Purslane seeds ℥ss. Digest the Poppy heads in rain or spring water for three days, then boyl, and express: to which add Honey ℥iij. boyl again to its due thickness: afterwards being taken from the fire, sprinkle in the other things (being in subtil powder) and mix them. But if you would have it more hard, first boyl the expressed decoction with a sufficient quantity of sugar, raking to every ounce of the species, sugar ℥bi.

Salmon.) It is a very binding Medicine; it heals the Dysentery, stops all sorts of Fluxes of the Bowels, spitting of Blood, Catarrhs, fluxes of thin humors to any part; and the Whites in Women. Dose à ℥j ad ij, or more.

Nota. Concerning Confects or Sugars, the Industrious Student is to note these things: 1. That Confects of Lozenges are things made hard with Sugar or Sugar-Candy. 2. That they are either made of the things themselves whole, or of their powders, or of their juyces. 3. Roots,

Tops of Herbs, Barks, Flowers, Fruits, Peels, Nuts, Kernels, Seeds, &c. are thus confectioned: Be the things to be made into Comfits, put them into a Brass Basin, letting Sugar melted or dissolved, drop thereon, continually moving and shaking them over a fire that the moisture may be consumed, and the Sugar cleave, and at length cover it over with a Crust.

4. Some Seeds of an unpleasant Taste must be first steeped in Vinegar before they are confectioned. 5. The coarser sort of Confects are first covered with white Starch, and after with Sugar. 6. The way to make Confects crusted with Sugar-Candy is like that of Candy-ing, only it differs in the thickness of the Liquor.

CHAP. XXI.

Of POWDERS.

1. **Aromaticum Caryophyllatum,**
Aromatick Powder with Cloves.

Colledge.) Take Cloves ℥viij. Mace, Zedoary, Galangal, yellow Sanders, Troches of Diarrhodon, Cinnamon, Xyloaloes, Indian Spicknard, long Pepper, Cardamoms the greater, A. ℥j. red Roses the whites cut off ℥iv. Gallia Moschata, Liquorice, A. ℥ij. Indian leaf, Cubebs, A. ℥ij. Ambergrise ℥j. Musk ℔ss. beat all diligently, and make a powder.

Salmon.) The perfumes are added in this, that is all the Alteration. It was designed for a great Cordial; it strengthens both Head, Heart and Womb, comforts a cold Stomach, causes a good digestion and Appetite, expels Wind and is good against the Cholick, Epilepsy, Apoplexy and Palsy. Dose à ℥j ad ℥j.

2. **Aromaticum Rosarum,** Aromatick with Roses.

Colledge.) Take red Roses the whites cut off ℥xv. Liquorice ℥viij. Xyloaloes, Yellow Sanders, A. ℥ij. Cinnamon ℥v. Cloves, Mace, A. ℥ijss. Gum Arabick, Fragacanth, A. ℥viij. Nutmegs, Cardamoms the greater, Galangal, A. ℥j. Indian Spicknard, Ambergrise, A. ℥ij. Musk ℥j. make a Powder according to Art, which keep in a Glass or earthen Vessel glazed for use.

Salmon.) In this they have only added the Musk. It has the Virtues of the former, besides which it restores in Consumptions, and dries up Catarrhs. Dose à ℥j ad ℥j in a Morning fasting.

3. **Pulvis à Chelis Cancrorum Compositus,** Powder of Crabs-claws compound.

Col.

Colledge.) *R* Pearls prepared, Crabs eyes, red Coral, white Amber, Harts-horn Philosophically prepared, Oriental Bezoar, A. ʒss. Powder of the black tops of Crabs claws, the weight of them all, make a powder according to Art, which with Gelly of English Vipers skins, make into little balls, dry carefully, and keep them for use.

Salmon.) This is that which is commonly called Gascoins powder, being a great Bezoartick and counter-Poyson, resisting the Plague, and pestilential Distempers, as Measles, Small-Pox, Purples or Spotted Feavers, defending the Heart, destroying and expelling the Venom, reviving the Spirits, recreating the natural powers, and alaying the heat of burning Feavers: you may give à gr. x. ad ʒss. I have often given ʒj. of it without any ill succeeding: It is said also to facilitate the Birth, strengthen the Head, Brain and animal Faculties.

4. *Pulvis Granorum Chermes Compositus*, Powder of Kermes Compound.

Colledge.) *R* Grains of Kermes ʒj. Nutmegs, ʒij. Roots of Tormentiall, Yellow Sanders, A. ʒss. Cloves, Pearls prepared, both sorts of Coral prepared A. ʒj. leaves of Gold N^o iij. Lozenges of Sugar Pearled (to be added in the time of using,) ʒiij. make a powder.

Salmon.) It is a good Cordial, revives the Spirits in Feavers, and defends the Heart against the Malignity of Pestilential Infection: It comforts and strengthens the Head, Brain,

Stomach, and Liver. Dose à ʒj. ad ij or more.

5. *Species cordiales Temperatæ*, The Temperate Cordial Powder.

Colledge.) Take Xyloaloes, Spodium of Ivory, A. ʒj. Cinnamon, Cloves, bone of a Stags Heart, Roots of Angelica, Avens, Tormentiall, ʒss. Pearls prepared ʒvj. raw Silk toasted, both sorts of Coral, A. ʒvj. Hyacinths, Emeralds, Sapphires, A. ʒss. Saffron ʒj. leaves of Gold, and Silver, A. N^o x. Ambergrise, Musk, A. ʒss. make a powder.

Salmon.) It is a very great Cordial, strengthens and comforts all the Natural, Vital and Animal Powers; recreates the Spirits in Feavers, restores in Consumptions, refreshes such as are lumpish and Melancholy: Dose à gr. x. ad ʒj. or ʒss. To what intents the Colledge put in the leaves of Gold and Silver is hardly known, for without Philosophick preparation they effect but little.

6. *Diacalamintæ Simplex*, Species of Calamint Simple.

Colledge.) *R* Calamint of the Mountain, Penroyal, Organy, Seeds of stone Parsly, English and Macedonian, of Hartwort, A. ʒij. Seeds of Parsly, Tops of Time, A. ʒss. Seeds of Lovage, white Pepper, A. ʒj. make a Powder according to Art.

Salmon.) It is Prevalent against the Stone, provokes Urine and the Terms, expels Wind, comforts the Stomach and Bowels; and is a good Pectoral: Dose ʒss or more at a time morning and night. in a little Honey, pulp of Prunes, Syrup

Syrup of Sugar, Broth, or other convenient Vehicle, proper to the aforementioned intentions. In the old book, the Colledge ordered black Pepper, but now it must be white or never.

7. Species Diacalaminthes composta, Species of Calamint compound.

Colledge.) Take of the former powder $\mathfrak{z}\text{ss}$. leaves of Horehound, Marjoram, Bawm, Mugwort, Savin dried, A $\mathfrak{z}\text{j}$. Roots of Cyperus, Madder, Rue, Mace, Cinnamon, A $\mathfrak{z}\text{ij}$. beat them diligently and mix them for a Powder, S.A.

Salmon.) It has the Virtues of the former, but more powerfully, provokes the Terms, bringing away both Birth and After-birth. Dose $\mathfrak{z}\text{j}$.

8. Dianisum, Powder of Aniseeds Compound.

Colledge.) Take choise Aniseeds $\mathfrak{z}\text{ijss}$. Liquorice cut, Mastick, A $\mathfrak{z}\text{j}$. seeds of Caraway, Fennel, Galangal, Mace, Ginger, Cinnamon, A $\mathfrak{z}\text{v}$. Of the three sorts of Pepper, Cassia Lignea, Mountain Calamint, Pelitory of Spain, A $\mathfrak{z}\text{ij}$. Cardamoms the greater, Cloves, Cubebs, Indian Spicknard, Saffron, A $\mathfrak{z}\text{j}$. first beat the Roots, then the Barks, Seeds and frusies, afterwards the Calamint and Mace: Beat the Mastick by it self (with a little water) and the Saffron: Lastly, mix all in a Mortar, and reserve the powder for use.

Salmon.) Here is of the Cardamoms, Cloves, Cubebs, Spike, and Saffron, A $\mathfrak{z}\text{ss}$. less than before. It is a good Pectoral, eases Coughs, Asthma's, causes a long Wind, free breathing, and clear Voice: It expels Wind, eases the Cholick, provokes U-

rine, and strengthens the Stomach: Dose $\mathfrak{z}\text{j}$. which mix with Honey.

9. Pulvis Radicum Ari Compositus, powder of Aron Roots Compound.

Colledge.) Take Powder of Aron Roots $\mathfrak{z}\text{ij}$. Roots of Common Water flag, of Burnet, Saxifrage, A $\mathfrak{z}\text{j}$. Crabs, Eyes $\mathfrak{z}\text{ss}$. Cinnamon $\mathfrak{z}\text{ij}$. Salt of Wormwood and Juniper A $\mathfrak{z}\text{j}$. mix them and make a powder.

Salmon.) The intention of this was forcibly to provoke the Terms, for which it is an excellent thing: It is Sudorifick, resists Venom of malignant Diseases, and the Biting of poysonous Creatures. Dose $\mathfrak{z}\text{ss}$: if you provoke the Terms give it in the Hologogue Extract, otherwise mix it with Mithridate.

10. Species Diareos Simples, Powder of Orrice Roots simple.

Colledge.) Take Orrice Roots $\mathfrak{z}\text{ss}$. Sugar Candy, Diatrageacanthum frigidum, A $\mathfrak{z}\text{ij}$. make them into a powder.

Salmon.) It was designed for a Pectoral, cures Coughs, Colds, Wheasings, Hoarseness, Shortness of Breath, and pain of the Stomach. Dose $\mathfrak{a}\mathfrak{z}\text{j}$ ad ij .

11. Species Dialacca, Powder of Gum Lac Compound.

Colledge.) Take Gum Lac prepared, Rhapontick, A $\mathfrak{z}\text{ij}$. Schannanth: Indian Spicknard Mastick, Juice of Wormwood and Agrimony inspisate, seeds of Parsly, Bishops-weed, Fennel, Annise, leaves of Savin, bitter Almonds blanched, Myrrh, Costus or Zedoary, Roots of Madder, Asarabacca, Birth-wort long and round, of Gentian, Saffron, Cinnamon,

mon, Hyssop dried, Cassia Lignea, Adellium, A. ʒjs: black Pepper, Ginger, A. ʒj. make them into powder S.A.

Salmon.) In this the Colledge has left out a full ʒjs of Shaznanth, or which the Medicine is not a whit the better, otherwise tis Word or word with their former, It trengthens and fortifies the Stomach, opens Obstructions of the Liver and Spleen, provokes Urine and the Terms, expels Wind, breaks the Stone, and is good against the jaundice. Dose a ʒs ad ʒjs. in thenish Wine.

12. Pulvis Cardiacus Magistralis, The Cordial Powder Magistral.

Colledge.) Take Oriental Bear, bone of a Stags heart, A. ʒjs. Coral white and red prepared, white Amber, Pearls prepared, Harts-horn prepared, Rasings of Ivory, Bole Armoniack, Earth of Germany, Sarnos, Lemnos, Rasings of Elks hoof, Ormentil Roots, A. ʒj. Xyloaloes, Citron-peels, Roots of Zedoary, Angelica, A. ʒij. leaves of Gold Noxx. Ambergrise ʒj. Musk gr. ʒj. mix and make them into a powder.

Salmon.) It chears the Heart; expels Melancholy, revives the spirits, stops fluxes, resists Poyson and all malign and pestilential Disorders: Dose a ʒj. ad ʒj. you may take ʒjs, for all the danger that is in it, the price will hurt you more than its ill effects.

13. Species Diamargariton frigida, The cooling Powder of Pearls Compound.

Colledge.) Take of the four water cold seeds cleansed, seeds of Purslane, of white Poppies, of En-

dive, of Sorrel, of Citrons, the three sorts of Sanders, Wood of Aloes, of Ginger, red Roses the whites cut off, flowers of water Lillies, Engloß, Violets, Myrtle Berries, Bone of a stags Heart, Ivory, Contra-yerva, Cinnamon, A. ʒj. both sorts of Coral, A. ʒs. Pearls ʒij. Ambergrise, Camphir, A. gr. ʒj. Musk gr. ʒj. make a Powder according to Art. But it is to be noted, That the four greater cold seeds and the Poppy-seeds, are not to be added, before the species are required by the Physicians, for use; and then for one dram of the Powder take a scruple of the seeds. The like understand in other Pouders, in the Composition of which these seeds are Ingredients.

Salmon.) Here is added Ambergrise gr. ʒj. Musk gr. ʒj. more than there was in the former. It is a dear Medicine, intended to cure the Body of a Consumption, by bringing the Pulse into one: it is good against Coughs, Colds, Asthma's, Phthicks, Obstructions of the Lungs, Hectick Feavers, and all sorts of pains in the Stomach, Brest and Sides. Dose a ʒs ad ʒj. or more, in new warm Milk or Tent.

14. Species Diambra, The Confect of Ambergrise from Mesue.

Colledge.) Take of Cinnamon, Angelica Roots, Cloves, Mace Nutmegs, Indian leaf, Galanga, A. ʒij. Cardamoms the greater and lesser, A. ʒj. Ginger ʒjs. Xyloaloe, yellow Sanders, long Pepper, A. ʒj. Ambergrise ʒjs. Musk ʒs. mix, and make them all into a powder, according to Art.

Salmon.) It is a great Cephalick and Cordial. comforts the Brain, revives the Spirits Natural, Vital and

and Animal, strengthens the Stomach, dissolves Wind, eases the Cholick, stirs up the natural heat even in old Age, expels Melancholy, and causes cheerfulness. Dose ʒiſs. in a morning fasting.

15. *Species Diamoschu Dulcis Mejsa*, The sweet Confect of Musk.

Colledge.) Take of Saffron, Galanga, Zedoary, wood of Aloes, Mace, A. ʒij. Pearls, raw Silk, toasted and powdered, white Amber, red Coral prepared, *Gallia Moschata*, seeds of Baxil, A. ʒiſs. Ginger, Cubebs, long Pepper, A. ʒiſs. Nutmegs, Indian leaf, or Cinnamon, Cloves, A. ʒj. Musk ʒij. make a powder according to Art.

Salmon.) 'Tis an excellent thing against cold affects of the Head and Brain, as Vertigo's, Falling-sickness, Convulsions, Palsies, Sadness, Melancholy, Fainting and Swooning fits, Sickness of the Stomach, Obstructions of the Lungs, difficulty of breathing, stirs up the natural heat, and strengthens the Liver and Spleen. Dose ʒj. in a Morning fasting.

16. *Species Diamoschu Amari*, The bitter Confect of Musk.

Colledge.) It is prepared by adding to the former, wormwood, dried Roses, A. ʒiij. fine Aloes washed ʒiſs. Cinnamon ʒiſs. Castor, Lovage, A. ʒj. make a powder.

Salmon.) It has the Virtues of the former, besides which it purges the Stomach and Bowels of slimy, flegmatick and chollerick humors, and kills Worms, Dose ʒj. or ʒiſs.

17. *Species Dianthus Nicholai*, Confect of Rosemary Flowers.

Colledge.) Take Flowers of Rosemary ʒj. of red Roses, of Violets Liguorice, A. ʒvj. Cloves, Indian Spicknard, Nutmegs, Galanga, Cinnamon, Ginger, Zedoary, Mace, wood of Aloes, Cardamoms the less, seed of Dill, Anise, A. ʒiv. make a powder according to Art.

Salmon.) It is a good Cephalick, and expeller of Wind; it strengthens the Stomach, takes away crudities, fortifies the Heart, revives the Spirits Natural, Vital and Animal; and cures most Distempers of the head, proceeding of Cold, as Vertigo's, Megrims, Epilepsies, Convulsions, Palsies, it is prevalent against Fainting and Swoonings, and other sudden indistemperatures, as defect of the Mind, Cholick, &c. universal weakness, Catarrhs, &c. Dose ʒiſs. ad ʒj.

18. *Diapenidion*, Confect of Sugar Penids.

Colledge.) R Penids ʒij. Pine-nuts, sweet Almonds blanch'd, white Poppy-seeds, A. ʒiij. ʒj. Cinnamon Cloves, Ginger (which three being omitted it is *Diapenidion* without Species) juice of Liguorice, Gum Tragacanth, Gum Arabick, white Starch, the greater cold Seeds husked, A. ʒiſs. Camphir gr. viij. make them into powder.

Salmon.) It is a good Pectoral fitted for such as have Coughs, Ulcers and Consumption of the Lungs. Dose ʒ ʒj. ad ij. mix it with Syrup of Liguorice and so take it.

19. *Diarrhodon Abbatis*, The Abbats Confects of Roses.

Colledge.) R of Sanders white, and red, ʒiſs. Gum Tragacanth, Gum Arabick, Ivory, A. ʒij. Asarabacca

all, make them into a powder S. A. Salmon.) In this the Colledge has added the white Amber: It powerfully stops Catarrhs, Coughs, eases pain in the Stomach and Sides, prevails against the Plurisie, gives rest, helps Consumptions, spitting Blood, Asthma's, Ulcers, of the Lungs, Empyema, &c. Dose $\dot{\alpha}$ ʒj. ad ij. You may also give it in the overflowing of the Courses, the bloody Flux, Strangury, sharpness of Urine; give it in Syrup of Liquorice or Poppies.

25. *Ætificans*, Galens Powder to make merry.

Colledge.) \mathcal{R} Flowers or Seeds of Sweet Basil, Saffron Zedoary, yellow Sanders, Cloves, Citron peels, Galanga, Mace, Nutmegs, Storax, Calamita, A. ʒiiss. Ivory rasped, Aniseeds, Time, Epithymum, A. ʒj. bone of a Stags heart, Pearls, Camphir, Ambergrise, Musk, A. ʒss. Leaves of gold and silver, A. ʒss. make a powder according to Art.

Salmon.) Here is 1. Yellow Sanders put in, instead of wood of Aloes: 2. Here is also added Ambergrise and Musk, A. ʒss, which makes the Medicine almost ten times the more chargeable. It comforts the Heart, revives the Spirits natural, vital and animal, expels Melancholy, and makes a merry disposition: it warms and comforts the Stomach, helps digestion, expels wind, is prevalent against the Vertigo, Megrim, Epilepsie, Apoplexy, Convulsion, Palsy, Lethargy, and other affects of the Brain. Dose $\dot{\alpha}$ ʒss ad ʒj. in Syrup of Citrons.

26. *Pulvis Bezoardicus Magistralis*, The Bezoardick Magistral Powder,

Colledge.) \mathcal{R} of Saphirs, Rubies, Jacynths, Granates, Emeralds A. ʒj. Terra Lemnia, Bole Armonack, red Coral prepared, Pearls prepared, A. ʒiij. Zedoary, Unicorn horn, Oriental and Occidental Bzoar, Musk, Ambergrise, Camphir, Squinanth, Saffron, A. ʒss. Tellow Sanders, Benjamin, A. ʒiij. Philonium Magistrale, Div. bone of Stags heart, Citron peels, Chermel A. ʒss. Chymical Oyls of Cinnaamomum and Nutmegs, A. gut. v. mix and make a most subtil powder S. A.

Salmon.) It is an Antidote against Plague, Poyson, biting of venomous Beasts, small Pox Measles, and all other malignant Feavers, it defends the Heart, revives the Spirits, and expels the Venom. Dose $\dot{\alpha}$ ʒi. ad ʒj. sweating upon it.

27. *Species Confectionis Liberantis*, The Preservative Confection.

Colledge.) \mathcal{R} Roots of Tormentil; Seeds of Sorrel, Endive, Coriander, Citrons; A. ʒiiss. of all the Sanders, roots of white Dittany, A. ʒiij. fine Bole, Terra Lemnia, A. ʒiij. Pearls, both sorts of Coral, white Amber, Ivory, bone of a Stags heart, roots of Virginian Snake-root, Orens, of Angelica, Cardamoms, Cinnaamomum, A. ʒj. Mace; wood of Aloes Cassia lignea, Saffron, Zedoary, A. ʒss. Penids, fragments of Emeralds Jacynths, Granats, flowers of water Lillies, Bugloss, red Roses, A. ʒj. Camphir, gr. vii. Musk, Ambergrise, A. gr. iij. make them into a powder according to Art.

Salmon.) It is an Antidote against Plague and Poyson, and very prevalent against all malignant Diseases, preserving and defending the Heart against all manner

of Contagion and Infection. Dose ʒss ad ʒiss.

28. Pulvis saxonicus, The Saxonian Powder.

Colledge.) R̄ Roots of both sorts of Angelica, Swallow-wort, Garden Calerian, Polypodium of the Oak, Nettles, ana ʒss. Bark of German Mererion ʒii. Grains of the Herb True-love N^oxx. Leaves of the same with the whole plant N^oxxxvj. the roots being macerated in Vinegar and dried, beat all into powder.

Salmon.) This Powder was first used in Saxony whence it took its name. It has the Virtues and Dose of the former. In this the Marsh-mallows ʒss. are left out.

29. Pulvis Saxifragie Compositus, Powder of Saxifrage Compound.

Colledge.) R̄ roots of Burnet, Saxifrage ʒss. seeds of Saxifrage, Broom, rommel, Lettice, Herbane, white oppies, the four greater cold seeds, ʒii. Troches Alkekengi ʒiss. Liqurice Div. Crystalline Sugar (when used requires it) ʒii. make a powder.

Salmon.) It was intended to give ease in all inveterate pains of the Stone, sharpness and Obstruction of the Urine, the Disury, strangury, and other affects of the reins and Bladder: it is good against Stitches, pains of the Side and Pleurifies. Dose (in Syrup of oppies) ʒii. This is an Addition to their New Dispensatory.

30. Pulvis Dialthææ, Powder of Marsh Mallows Compound.

Colledge.) R̄ roots of Marsh-mallows dried ʒv. Spanish Liquorice Bones of Medlars, A. ʒss. seeds of rommel, Parsly, Foxglove, A. ʒii. abs. Eyes prepared with the juice of Lemons ʒvj. Gum Arabick ʒij. cherry-tree and Plum-tree, Gum A.

ʒj. beat them accurately, and make a subtil powder.

Salmon.) It is no wonderful Medicine, but it was designed against the Stone. Dose ʒii. This is another Addition in their new Dispensatory.

31. Pulvis Antilissus, Powder against the biting of mad Dogs.

Colledge.) R̄ Leaves of Rue, Vervain, Sage, Plantane, Polypody, Wormwood, Mint, Mugwort, Bawm, Betony, Hypericon, Centory the less, A. p. j. let them all be gathered when they are in their greatest strength, which is about the Full Moon in June, and speedily dried in a hot Sun, to be kept for use, and to be yearly renewed, not beating them to powder till you have occasion to use them.

Salmon.) The Title shews the Virtues, for which 'tis a good thing, it is also good against Melancholy, Frenzy, Madness, and bitings of other Venomous Creatures, and is prevalent against pestilential and malign Diseases. Dose ʒiss. or ij.

32. Species Electuarij Rosatæ novellæ, The Species of the new Rosate Electuary.

Colledge.) R̄ red Roses exungulated and dried, Liquorice, A. ʒj. ʒj. ʒii. gr. x. Cinnamon ʒii. ʒii. gr. ii. cloves, Indian Spicknard, Ginger, Galanga, Nutmegs, Zedoary, Storax, Calamita, Cardamoms, Parsly, A. ʒj. gr. viii. make them into a powder.

Salmon.) Had there been in the first proportion ʒx. in the second ʒiiij. and in the third ʒj. doubtless it might have killed some Body; therefore the Colledge has taken Care that it should be done to a grain, for fear of danger. It is a good Cordial; Cephalick

lick and Carminative, it expels wind, comforts the Heart and Stomach, stays vomiting, provokes sweat, and eases pain. Dose \bar{a} \bar{z} ls \bar{a} \bar{z} ls.

33. *Pulvis Thuraloës*, Powder of Frankincense and Aloes.

Colledge.) \bar{R} *Frankincense* \bar{z} j. *Aloes* \bar{z} ls. make them into a powder: in the time of using it mix so much of it with Glare of Eggs, as will make it of the thickness of Honey, then dip the wooll of a Hare in it, and apply it to the sore or part that bleeds, binding it on.

Salmon.) Here you have the use of the Medicine too; but 'tis almost word for word (translation excepted) with *Catapler*. It is an exceeding good thing, and will stick on till the Sore is thoroughly heal'd, and then it will fall off of it self.

34. *Pulvis Sena Compositus major*, Dr. Holland's powder of Sena, the greater Composition.

Colledge.) Take seeds of Anise, Caraways, Fennel, Cummin, Spicknard, Cinnamon, Galanga, \bar{A} . \bar{z} ls. Liquorice, Gromwel, \bar{A} . \bar{z} j. Sena the weight of all: make a powder.

Salmon.) It is a good Purge for such as are troubled with Wind, flegm and melancholy, or any obstructions of the Bowels, Womb, Spleen, Reins or Bladder. Dose \bar{a} \bar{z} j \bar{a} \bar{z} ij. in a glass of Rhenish wine.

35. *Pulvis Senæ compositus minus*, Powder of Sena, the lesser Composition.

Colledge.) Take of the best Sena \bar{z} ii. *Cremor tartari* \bar{z} ls. Mace \bar{z} iss. Ginger, Cinnamon \bar{A} . \bar{z} ls. *Sal Gem* \bar{z} j. make a powder, according to Art.

Simon.) It is an excellent purge

to expel Flegm and Melancholy, open Obstructions of the Spleen, and remove such Diseases as proceed from thence: Dose the same with the former.

36. *Pulvis Diastenna*, Powder of Sena Compound.

Colledge.) \bar{R} Sena, *Cremor Tartari*, \bar{A} . \bar{z} ii. Cloves, Cinnamon, Galanga, Bishops' weed, \bar{A} . \bar{z} ii. *Diagrydium*, \bar{z} ls. make a powder according to Art.

Salmon.) This is that which is commonly called *Pulvis sanctus trassavoli*, designed as an Antidote against the Gout, Melancholy, Obstructions of the Spleen, the Dropsy, and other Diseases proceeding from Flegm, Melancholy, Wind and Water. Dose \bar{a} \bar{z} ls. \bar{a} \bar{z} j. in Rhenish Wine, or mix with *Electuarium Lenitivum*.

37. *Diaturbith cum Rhabarbaro*, Powder of Turbith with Rhabarb.

Colledge.) Take of the best Turbith, *Hermadaets* \bar{A} . \bar{z} j. *Rhabarb* \bar{z} x. *Diagredium* \bar{z} j. red and white Sanders, Violets, Ginger, \bar{A} . \bar{z} ls. Mastich, Anise, Cinnamon, Saffron, \bar{A} . \bar{z} ls. make a Powder.

Salmon.) It is an effectual purger of Wind, Choler, and Melancholy, and is therefore profitably given in Diseases of the Head, Nerves and Joynts: It is powerful against the Dropsie, Scurvy, Gout and French Pox. Dose \bar{z} j. in Rhenish Wine, or you may beter mix it with *sympus de spina Cervina*, and so take it.

38. *Pulvis Comitis warwicensis* The Earl of Warwick's Powder.

Coll.) \bar{R} Scamony (prepared with the fumes of Sulphur \bar{z} ii. & diaphoretick \bar{z} j. *Crystals of Tartar* \bar{z} ss.

mix, and make a powder.

Salmon.) This is an Addition to the new Book, taken almost word for word out of the Augustan Dispensatory. Schröder has it thus: *R Diagredium gr. vii, or viii. Antimonium diaphoretick, gr. v, vi, or vii. Cremor Tartar ʒj, mix them.* Zwelfer has it thus: *R Scamony sulphurated (and after prepared or impregnated several times with SV. and Spirit of Sulphur, and reduced into powder with sweet Almonds) ʒii. Antimony (calcin'd with thrice a third part of Niter, and not dulcorated) ʒiii. Cremor Tartar (made in the decoction of Mechoacan) ʒiss. mix them: Or thus, Take Rosin of Scamony (reduced to powder with sweet Almonds) ʒss. Antimonial Tartar Vitriolate ʒj. Cremor Tartar ʒvj. mix them.* But in my Doron Med. lib. 2. cap. 21. sect. 7. you have it otherwise. That which I always make use of is this: *Take Rosin of Scamony ʒii. Glas of Antimony precipitated (in lib. 3. cap. 8. sect. 71. foregoing) ʒj. Tartar vitriolate ʒss, mix them.* All these various Compositions have the same Virtues; and in a small Dose (viz. a ʒj. ad ʒss. in strong Bodies) purge out all evil humors (as wind, water, flegm, choler, and melancholy) and that from all parts of the body, frees the head from pains, dulness and stoppages, cures Apoplexies, Epilepsies, Convulsions, Megrims, Vertigo's, Melancholy, Obstruction of the Stomach, the Green-sickness, Jaundice, Agues, Dropfies, Gouts, Rheumatisms, Poxes and other malign, violent and chronick diseases: *Cornacivinus* first published it to the World, and wrote a whole Book in Commendation

thereof, wherein he commends it to be used in all Diseases where purging is required.

Pouder left out in the new Dispensatory.

36. *Pulvis Hermodactylorum compositus*, Powder of Hermodacts compound,

Colledge.) Take of mens bones Calcined, Scammony; Hermodacts, Turbeth, Sena, Sugar, A. p. j. beat them into powder.

Salmon.) This is that which was called formerly *Pulvis Arthriticus*, being of Paracelsus his Invention, and transferred from him by Crollius into his Royal Chymistry. It was designed against the Gout and running-Gout, for which purpose it is a most excellent thing. But it purges all humours, and from all parts of the Body, and is excellent against all manner of Chronick Diseases, as the Green-sickness, Universal Obstructions, Dropfies, the Pox, &c. Dose a ʒss, ad ʒj. in Rhenish-Wine.

40. *Pulvis Cordialis Fernelij minus Compositus*, Cordial powder the less Composition.

Colledge.) *R Harts-horn, Unicorns horn, Pearls, Ivory, ana, gr. vj. beat them into fine powder: If you mean to keep it, you may increase the quantity proportionably.*

Salmon.) It cheers the Heart, revives the Spirits, and extinguishes the praternatural heat of Feavers. Dose a ʒj. ad ʒss.

41. *Pulvis Cordialis Fernelij magis compositus*, Cordial powder the greater Composition.

Colledge.) Take Roots of Tormential, of Dictany, of Clovegilliflowers, of Scabious; seeds of Sorrel, Coriander prepared, Citrons, Carduus Benedictus, Endive, Rue, A. ʒj. of the three sorts of Sanders, Behen white and red (or in stead thereof Roots of Avena and Tormential) Roman Doronicum, Cinnamon, Cardamoms, Saffron, Flowers of Borrage, and Bugloss, red Roses, water Lillies, Xylolatoes, Mace, A. ʒii. Ivory, Spodium, Bone of a Stags heart, red Coral, Pearls, Emerald, Facinth, Granat, A. ʒi. Raw silk torrifed, fine Bole, earth of Lemnos, A. ʒls. Camphir, Ambergrise, Musk, A. gr. vj: beat them into a powder according to Art, and with eight times their weight of white sugar dissolved in Rose water, you may make them into Lozenges, if you please.

Salmon.) It has the Virtues of the former, and is doubtless more powerful in refreshing the Spirits, recreating the natural Powers, and relieving such as languish and pine away, are troubled with illness at Stomack, fainting and swooning Fits, and other affects of the Heart. Dose ʒ ʒls. ad ʒj.

42. Pulvis ad Casum, A Powder for such as are hurt by a Fall.

Colledge.) R^e Terra sigillata, sanguis Draconis, Mummy, A. ʒii, Sperma ceti ʒi. Rhubarb ʒls. beat them into a powder according to Art.

Salmon.) This is exactly the same with the Augustan Dispensatory: Zwelfer in Pharm. Regie clas. 9. has another little differing, viz. R^e Sanguis Draconis of the best, ʒls: Goats blood prepared, Crabs eyes prepared, Terra sigillata or fine Bole, A. ʒvj. Red Myrrh ʒls. Nutmegs ʒlii. make all into a pou-

der: These either of them are excellent for such as have fallen down from an high place, or have blood coagulated in the Body, or are broken, bruised, or otherwise hurt: you may take ʒiss of it at a time in pure Alicant alone, or mixed with Syrup of Myrtles, at night going to Bed, and then gently sweating upon it. Beat the simples apart into powder, then mix them, lastly add the Sperma Ceti.

43. Species Eleſtuarii Diacymni Nicholai, The species of the Eleſtuary of Cummin seed compound.

Colledge.) R^e of Cummin seeds infused a natural day in Vinegar ʒj, ʒj. Cinnamon, Cloves, ana ʒiiss. Galanga, Savory, Calamint, A. ʒj. ʒii. Ginger, black Pepper, A. ʒii. gr. v. seeds of Lovage, Bishops weed, A. ʒj. gr. viii. long Pepper ʒj. Spicknard, Nutmegs, Cardamoms, A. ʒii, gr. x. beat, and keep them diligently for use.

Salmon.) It powerfully expels Wind, eases the Cholick, helps digestion, comforts a cold Stomach, and causes a good Appetite. Dose ʒ ʒj, ad ʒii.

44. Species Eleſtuarii Diagalange Mesue, The Species of the Eleſtuary of Galanga Compound.

Colledge.) Take of Galanga, Xylolatoes, A. ʒvj. Cloves, Mace, seeds of Lovage, ana ʒii. Ginger, long and white Pepper, Cinnamon, Calamus Aromaticus, ana ʒiiss, Calamint and Mint dried, Cardamoms the greater, Indian Spicknard, seeds of Parsly, Anise, Fennel, Caramay, A. ʒj. beat them into powder according to Art. Also it may be made into an Eleſtuary with white sugar dissolved in Malaga Wine, or twelve times

times the weight of clarified Honey.

Salmon.) It has the Virtues of the former, besides which it provokes Urine and the Terms: is good against the Stone and Gravel in both Reins and Bladder: helps heart-burnings, and all cold affects of the head, stomach, heart, liver and womb. Dose ℥ii or ʒj. of the powder. Three or four times the weight of Honey is enough to make it into an Electuary, of which you may take ʒss. at a time.

45. Species Electuarij de Gemmis frigidis, Species of the cooling Electuary of precious Stones.

Colledge.) Take Pearls prepared ʒiiii. Spodium, Ivory, Coral red and white A. ʒii: red Roses ʒiss. Jacinth, Saphir, Emerald, Sardine, Granate, Sanders white red and yellow, flowers of Borrage and Bugloss, seeds of Sorrel and Basil, both sorts of Behen or in stead thereof roots of Avena and Tormential A. ʒj: Bone of a Stags heart ʒss. leaves of gold and silver, ana N^o xv. make them all into powder according to Art, and let them be diligently kept.

Salmon.) It has the same Virtues and Dose with that at Sect. 41. foregoing.

46. Species Electuarij Diamargariton calidi Avicenne. The Species of the heating Electuary of Pearls Compound.

Colledge.) Take Pearls, Pellitory of the wall, A. ʒj. Ginger, Marsh-mallows, A. ʒss. Doronicum, Zedoary, seeds of Parsly, Cardamoms both sorts, Nutmegs, Mace, A. ʒii. Behen both sorts (or instead thereof roots of Avena and Tormential) black and long Pepper, A. ʒiiii. beat them into powder, and keep them for use.

Salmon.) It is a cordial Composition, expels wind, eases the Cholick, warms and strengthens the Stomach, good against heart-burning and swooning fits; and is a good expedient to provoke the Terms. Dose a ʒj. ad ʒii. in Rhenish wine.

47. Lithentribon Nicolai & Fernelio, The Stone-breaker of Nicholas according to Fernelius.

Colledge.) Rx of Spicknard, Ginger, Cinnamon, black Pepper, Cardamoms, Cloves, Mace, A. ʒss. Costus, Liquorice, Cyperus, Tragacanth, Germanander, A. ʒii. seeds of Bishop weed, Parsly, Sparagus, Bazeil, Nettles, Citrons, Saxifrage, Burnet, Carraways, Carrots, Fennel, Bunchers-broom, Macedonian Parsly, Burdock, Hartwort, Asarabacca, Lapis spongiae, Lyncis, Cancri. Judaei, A. ʒss. Goats-blood prepared, ʒiss. beat all into powder S A.

Salmon.) This was intended as a Remedy against the Stone as the Title expresses, for which it is an exceeding good thing. It provokes Urine and the Terms, helps the Strangury and Disury, warms and comforts the Stomach, causes a good Digestion; expels wind, and cures the Cholick and Illiack Passion. Dose ʒj. in Rhenish Wine.

48. Pleris Archonticon Nicolai Praepositi. The Restorative of Nicholas.

Colledge.) Take of Cinnamon, Cloves, Galanga, Xylaloes, Indian Spicknard, Nutmegs, Ginger, Spodium, Schananth, Cyperus, Roses, Violets, ana, ʒj. Indian Leaf or Mace, Liquorice, Mustick, Storax calamita, Marjoram, Costmary or water-Mints, Bazil, Cardamoms,

long and white Pepper, Myrtle-berries, Citron-peels, *A. ℥ss.* and *gr. vj.* Behen white and red, (or for want thereof, Roots of Avenas and Tormentil) Red Coral, silk torristed, *A. gr. xviii.* Musk *gr. vj.* Camphir *gr. iv.* beat them into powder *S. A.* and with ten times their weight of sugar dissolved in Brown water you may make it into an Eleſuary.

Salmon.) It is designed as a Remedy againſt Sadneſs and Melancholy, and to reſtore in Conſumptions. It ſtrengthens the Head and Brain, is good againſt the Epilepſy, Apoplexy, Convulſion, Vertigo, and Lethargy: comforts and warms the Stomach, ſtays Vomiting, reſtores loſt Memory, fortifies ſuch as have been weakened by long Sickneſs, quickens all the Senſes, is excellent againſt Aſthma's, and other cold affects of the Lungs, expels Wind, eaſes the Cholick, and cauſes a chearful lively Diſpoſition, with a very pleaſant Countenance. Dose of the Species *à ℥ſs.* ad *℥i.*

49. *Species Antiſeſilentialis Montagnane.* A preſervative Powder againſt the Plague.

Colledge.) *R.* of all the Sanders, ſeeds of Bazil, *A. ℥iſs.* ſine Bole, Cinnamon, *A. ℥j.* roots of Dictanny, Gentian, Tormentil, *A. ℥iſs.* ſeeds of Citrons, of Sorrel, *A. ℥il.* Pearls, Saphirs, Bone of a Seage Hart, *A. ℥j.* beat them into powder *S. A.*

Salmon.) The Title ſhews the Virtues: beſides which it repreſſes Melancholy, cheers the Spirits, and reſtores in Conſumptions. Dose *à ℥ſs.* ad *℥vj.* in Alicant.

50. *Diaturbith ſine Rhubarbaro,* Diaturbith without Rhubarb.

Colledge.) Take Turbith *℥i.* Diagredium, Ginger, *A. ℥ſs.* Cinnamon, Cloves, *A. ℥ii.* Galanga, long Pepper, Mace, *A. ℥j.* beat them into powder, and with ſugar *℥viii.* *℥v.* diſſolved in Succory water, it may be made into an Eleſuary.

Salmon.) It purges water, ſlegm, and Melancholy from the moſt remote parts of the Body, is excellent againſt the Scurvy, Dropſy, and Gout. Dose *à ℥ſs.* ad *℥j.*

51. *Pulvis contra Vermes ſeu Lumbricus.* A Powder for the Worms.

Colledge.) Take of wormſeed *℥iv.* Sena *℥j.* Coriander-ſeeds prepared, Harts-horn, *A. ℥ſs.* Rhubarb *℥ſs.* dryed Rue *℥ii.* beat them into a powder.

Salmon.) Dose *à ℥j.* ad *℥j.* mixt with Honey, or what it may be ſwallowed beſt withall.

Pouders added by the Author.

52. *Tartarus Vitriolatus Antimonialis,* A vitriolated Antimonial Tartar.

Take white flowers of Antimony *℥ii.* Cremer Tartar *℥iv.* boil them in a ſufficient quantity of fair water, repeating of it ſeveral times till their verue is drawn forth; ſtrain and filter through brown paper: in which diſſolve ſalt of Tartar *℥j.* afterwards reduce it (by evaporation) to its former conſiſtency and dryneſs. To this ſalt thus impregnated with the Eſſence of Antimony, drop in by degrees ſpirit of Vitriol or Sulphur ſo long till there is no more ebullition of efferveſcence, then dry it; and by a new ſolution in fair water

water purify it, then filter, ind in a glass vessel gently evaporate to dryness, and keep it for use.

Salmon.) This is one of the Ingredients in Zielfers preparation of the Warwick powder, at sect 39. foregoing. It is powerful in opening of obstructions, and rooting out stubborn and chronick Diseases, hypocondriack Melancholy, long and Tedious Tertian and Quartan Agues, and other inveterate diseases. Dose ʒ iſs ad ʒj.

53. Pulvis Antepilepticus, Our Powder against the Falling-sicknesses.

℞ Cryſtals of Luna, Cinnabar of Antimony, A. ʒij. of the Magiſteries of mans ſcull, of Amber, of Coral A. ʒiij. powder of Miſteto of the Oak ʒjſs. mix them.

It is one of the most powerful medicaments yet known against the Falling-sickness, and most other Diseases of the Head and Brain, as Apoplexies Convulsions, Palsies, Megrims, Vertigoes, Lethargies, &c. It is also good against fits of the Mother, oppressions of the Ventricle with wind, and other distempers of the Womb: take every night ʒj either mixt with Sugar, Honey, or some convenient Vehicle: if to every Dose you add ʒiſs or lac Sulphur gr. viii, 'twill be so much the better.

54. Pulvis Catharticus universalis, An universal purging Powder.

℞ pure Scamony ʒv ʒj. White precipitate ʒviij. Sulphur of calcin'd Antimony (at sect. 41. chap. 8. lib. 3. foregoing) Turbith, Sena, Hermodacts A. ʒiv. mix them, and keep them in a glass close stop't for use.

Against the Scurvy, Gout, Dropſie, Sciatica, Jaundice, Kings-evil, French-Pox, and all sorts of Feavers as also the Head-ach, Megrim, Melancholy, and other contumacious Diseases, it is a most stupendious Medicine, doing all things as it were miraculously: Its virtues are too many here to be enumerated. Dose ʒ gr. x. ad xx or xxv, in strong bodies.

55 Pulvis Catharticus specialis, The special purging Powder.

℞ Fallap or Scammony, Gutta Gamba, Turbith, A. ʒj powder and mix them.

Salmon.) 'Tis prevalent against the Gout, Dropſie, Jaundice, &c. Dose ʒiſs.

56. Pulvis ad peſtem, Our powder against the Plague.

℞ Bezoar mineral, Ens Veneris, A. ʒij. Aurum Vita, Cochenel, saffron, Contra yerva, Virginean snake-root, Opium A. ʒj. make them into a powder: when you use it add to every Dose Salt of Tartar gr. vj. Oyl of Cinnamon gut. iij.

In the Plague, malign Feavers, Measles, small Pox, and other Diseases of like kind, it effectually defends the Heart and overcomes the poyson. Dose gr. xij.

57. Pulvis ad Lumbricos Magistralis, A magistral powder against worms.

℞ Sulphur vive ʒviij. Mercurius dulcis ʒvj. Ens Veneris ʒiv. Coriander seed ʒij Cloves ʒj. Rosin of Scammony and Fallap, A. ʒxxvj. sugar ʒxxxviiij. mix and make a powder.

It kills Worms of all sorts in any part of the Body, whether in old or young. Dose ʒ gr. xvi. ad ʒiſs.

58. *Pulvis Alexterius Sala*, *Sala's* powder against Poyson.

Re powder of *Vipers* ℥ij. Extract of *Bezoar* (at sect. 22. cap. 8. foregoing) and *Magistery* of *pearl* A. ʒss. Oyl of *Angelica* seeds. distilled ℥ss. Oyl of *Cinnamon* gut. vj. mix them in a glass Mortar.

Salmon.) It is a powerful Antidore against Poyson, Plague and all malign Diseases, as also the bitings of any venomous Creature : Dose à ℥j ad ʒss. in Canary.

59. *Pulvis Bezoarticus*, The Bezoartick Powder.

Take fine *Bole* prepared with scabious water, *Terra sigillata*, roots of *Dittany*, of *Tormencil*, A. ʒvj. *Angelica*, *Gentian*, *Butter-bur*, *Zedoary*, *Harts-horn* prepared, bone of a stags heart, *Ivory* rasped, *Citron* peels, red *Coral* prepared, A. ʒss. make them into a powder.

Salmon.) It has the Virtues of those at sect. 56. and 58. foregoing. Dose ʒj.

60. *Pulvis Bezoarticus cum Gemmis*, The Bezoartick powder with Gems.

Take of the former powder ʒj. of pearls prepared gr. xvj. of Oriental *Bezoar*, *Jacinths* and *Granats* prepared, A. gr. viij. *Gold* and *Silver* leaves A. N^o. i. make all into fine powder.

Salmon.) It has all the Virtues of the former with great advantages, being a great and famous Cordial. Sudorifick and Restaurative. Dose ad ℥ij.

61. *Pulvis Catharticus Sala*, *Sala's* purging Powder.

Take Crystals of *Tartar*, *Hermadats*, A. ʒi. *Turbith* ʒvi. Rst of *Scamony* ʒij. Oyl of *Cloves*, mix with sugar ʒss.

Salmon.) It purges windy, watery, and flegmatick humors pleasantly without griping, and therefore is exceeding good against the Scurvy, Dropsy and Gout. Dose ad ʒj.

62. *Pulvis Sternutatorius Rulandi*, Sneezing powder of *Rulandus*.

Take white *Hellebor*, Gith-seed, A. ʒj. *Marjoram*, *Rosemary*, *Sage*, A. ʒss. Musk gr. ij. powder and mix them.

Salmon.) It is excellent to strengthen the Head and purge the Brain of Flegm. There are several other sorts of sneezing powders, viz. 1. Take *Tobacco* ʒi. *Orrice* Roots ʒvj. *Pellitory* of *Spain* ʒij. Musk, *Ambergrise*, A. gr. xij. fat of *Roses*, gut. x. mix them. 2. Or thus. Take penny *Royal* ʒj. *Pellitory* of *Spain*, *Betony*, A. ʒss. *Hellebor* white and black, A. ʒss. *Marjoram*, ʒjss. 3. Or thus, Rst flowers of *Rosemary*, *Sage*, *Betony*, *Lavender*, *Marjoram*, *Lilly* *Convuls*, *Mace*, *Cinnamon*, *Liquorice*, white *Hellebor* prepared, A. ʒj. of the best *Tobacco* ʒj. powder and mix them, and add distilled Oyls of *Aniseeds*, *Cloves*, *Mace* and *Marjoram*, A. gut. iv. You may see other forms in the *Augustan Dispensatory*, pag. 167. and 583. But these are the chief.

63. *Pulvis Catholicus Quercetani*, *Quercetan's* Catholick powder.

Take Crystals of *Tartar* ʒj. *Sena* ʒx. *Hermadats*, *Turbith*, ana ʒiv. *Rhubarb*, *Agarick*, A. ʒij. *Scamony* prepared, ʒij. *Mace*, *Cinnamon*, *Galanga*, A. ʒss. sugar of *Violets*, the equal quantity of all the rest.

Salmon.

Salmon.) It universally purges all Humors, purifies the Blood, cures the Scurvy, Dropsy, Gout, Jaundice, and other stubborn Diseases. Dose ʒj.

64. *Pulvis Melanagogus Quercetani*, A Powder purging Melancholy.

Take *Sena* ʒj. seeds of *Anise*, *Fennel*, A. ʒj. *Cinnamon* ʒij. crystals of *Tartar* ʒvj. sugar ʒjss. mix them.

Salmon.) It purges Melancholy, opens Obstructions of the Spleen, and is good against Quartans. Dose à ʒj ad ij.

65. *Pulvis Phlegmagogus Quercetani*, A powder purging Flegm.

Take *Diacarthamum* ʒij. *Agarick* ʒss. *Turbith*, *Hermoadactis*, A. ʒj. mix them.

Salmon.) It purges flegm from the Head and Joynts. Dose à ʒj ad ij.

66. *Pulvis cholagogus Quercetani*, A powder purging Choler.

Take *Rhubarb* ʒij. flowers of *Violets*, *Hypericon*, *Damask Roses*, A. ʒj. *Diatrisan talon*, *Masticb*, *Cinnamon*, A. ʒss. *Diagridium* ʒj. sugar of *Violets* ʒss.

Salmon.) It prevalently purges Choler from all parts. Dose ʒj.

67. *Diacubebs*, Powder of Cubebs Compound.

ʒ Sanders of all sorts, A. ʒss. shavings of Ivory, and burnt Ivory, A. ʒij. seeds of *Amomum*, *Cubebs*, A. ʒj. make them into a Powder.

Salmon.) It opens Obstructions of the Liver and Spleen, expels Wind and eases the Cholick.

68. *Pulvis Stomachicus Quer-*

cetani, *Quercetans Stomach Powder.*

Take *Aron Roots* prepared ʒij. *Acortis*, *Burner*, A. ʒj. *Crabs-eyes* ʒss. *Cinnamon* ʒij. salt of *Wormwood*, *Juniper*, A. ʒj. sugar of *Roses* q.s. make a Powder.

Salmon.) You may prepare the *Aron Roots* by steeping of them in *Rhenish Wine* twelve hours, then decanting, and adding fresh, steeping again so long, then drying them This Powder is a good *Cephalick* and *Stomack*, is excellent against the *Megrim*, *Vertigo*, *Melancholy*, *Cachexy*, *Coldness* and *Weakness* of the *Stomach*, *Wind Stone*, *Quartan Agues*, and all tartarous Obstructions. Dose à ʒj ad ij.

69. *Tragea fortis Schroderi*, *Schroders strong Species.*

Take *Black Pepper* ʒij. *Ginger* ʒj. *Saffron* ʒj. *Cloves*, *Galanga*, A. ʒj. make a powder.

Salmon.) It is a good Spice, expels wind, strengthens the *Stomach* and *Head*. Dose à ʒss ad j.

70. *Pulvis febrilis Grulingij*, *Grulingius his Feaver powder.*

Take *Roots* of *Dittany*, *Butterbur*, *Zedoary*, *Scordium*, A. ʒij. *Carduus* seeds, *Hares-horn burne* and prepared, A. ʒj. *Antimony* *Diaphoretick* ʒss. make a powder.

Salmon.) It is *Sudorifick* and cures all sorts of *Feavers* by *Sweating*; you may give ʒj in a glass of good *Canary*.

71. *Pulvis Trittemij*, *Tritthemius his Powder.*

ʒ *Calamus Aromaticus*, *Gentian*, *Cumin*, *siler Montan*, *Aniseeds*, *Carraway*, *Lovage*, *Parlsy seeds*, *picknard*, A. ʒss. *Ginger*, ground

ground Pine, Sena, Crystals of Tartar A. ℥vi. Mace, Cubebs, A. ℥ij. Cloves, ℥vij. make them into a fine powder.

Salmon.) If you add Anacardiums, and Peony seeds, A. ℥ss. the Recipe will be the better. It strengthens the memory much, and comforts the Brain, if taken after convenient purging; it also expels Wind, provokes Urine, and breaks the Stone, and fortifies a cold Stomach. Dose ℥j with Aqua Magnanimitatis ℥j. in a glass of Canary, to be taken Morning and Evening for a month: the next month give it only in the Mornings: in the third month give it thrice a week in the Mornings: In the fourth month give it twice a week: and for the time after, once a month as long as life lasts in the increase of the moon.

72. *Tragea Antinephritica Quercetani*, Quercetan's stone breaking Species.

Take the inner skins of hens gizzards; white Hens dung, A. ℥ss. the inner skins of Egg-shells powdered ℥ijss. Rupturewort, Cinnamon, A. ℥iv. Medlar Stones ℥ij. seeds of Fennel, Anise, A. ℥j. make them into a powder.

Salmon.) It is a powerful remedy against the Cholick and the Stone, expelling of it out of either Reins or Bladder. Dose à ℥ss ad ℥j.

73. *Tragea Hysterica Quercetani*, Hysterick Species.

℞ Cassia Lignea, Calamus, seeds of Agnus Castus, Parsnip, Rue, Peony, Anise, Fennel, Cardamoms, Mace, Cinnamon, Cloves. A. ℥j. fecula of Bryony ℥ss. Sugar of

Rosemary flowers the weight of all, make them into a powder.

Salmon.) It powerfully expels Wind, and cures all sorts of fits, especially those of the Womb. It cures also the Whites in Women. Dose à ℥j ad ij.

74. *Pulvis Cachecticus Quercetani*, Powder against the Green-sickness.

Take Steel prepared very fine with fair water, or calcined with Sulphur ℥j. fecula of Aron Roots ℥jss. Ambergrise ℥ss. Essence or Magistery of Coral and Pearl, Amber prepared, Cinnamon, A. ℥iv. with Sugar q. s. make a powder.

Salmon.) It is a singular good thing against the Green-sickness and Cachexies, whether in male or female, old or young. Dose ℥ij or more, for some days.

75. *Pulvis Dysentericus Crollij*, Powder against the bloody Flux:

Take Amber, Sanguis Draconis, blood Stone, red Coral, Purslane seeds, Plantane, Anchora, Tormentil roots, Terra Sigillata, A. ℥ij. Pomgranate flowers ℥j. Nutmegs, N°iv. Cinnamon ℥ss. Crocus ♂ astringent, Talck calcined, Mother of Pearl calcined, A. ℥j. let the stones be lavigated on a Marble, and added to the rest finely powdered.

Salmon.) It stops bleeding at the Nose, Hemorrhoides, or in Wounds; and stays all fluxes whatsoever either of the Belly or Womb. Dose à ℥j ad ij.

76. *Pulvis Spersiole Crollij*, Crollius his Powder of Frog-spawn.

Take Myrrh, Olibanum, A. ℥ij. Saffron

Saffron ʒss. *Campbir* ʒiij. powder and mix them: this powder imbsbe in frog spawn water twenty or thirty times, letting it dry every time.

Salmon.) It is designed to stop bleeding at the Nose, Throat, Womb, Arle, or Wounds, for it Coagulates the blood by its coldness: It is also good against an Erysipela's and Gout in the feet, if applied hot: with Vinegar it cures Bleeding, and the Disease called a Fellon, being applied. Dose à gr. iv. ad viij. Where note, that if you gather the Spawn about three days before the new Moon in March, it will not stink; then Distil it in B.M.

77. *Pulvis Epilepticus Weckardi*, Weckards Epileptick Powder.

Be Roots of Peony gathered in the decrease of the Moon ʒi. Male Peony seeds husked ʒss. Elks hoof ʒiij. white Amber, burnt Harts-horn each prepared, ʒij. Pearl, red Coral prepared, A. ʒj. Peacocks dung, ʒiv. Oriental Bezoar ʒj. Unicorns horn ʒij. filings of Gold ʒj. Saffron ʒj. Manus Christi with Pearl ʒss. make a fine powder, adding distilled Oyl of Mace ʒss.

Salmon.) The Title shews the Virtues: It cures most Diseases of the Head and Brain. Dose à ʒss ad ʒj.

78. *Tragea Hepatica Quercetani*, A powder for the Liver.

Be red Coral prepared, Spodium, Diatragacanth. A. ʒij. flowers of Liverwort, seeds of Sorrel, Purslane, A. ʒj. Crocus Martis, prepared with fair water, ʒijss (if it be prepared with Oyl of sulphur, but

ʒij.) with Sugar of Roses make a powder.

Salmon.) It opens Obstructions of the Liver, helps the Weakness thereof, cures the Hepatick Flux, Cachexy Droply, and Jaundice. Dose ʒj in Rhenish Wine.

79. *Pulvis Catharticus Closset*, The Cathartick Powder of Clossius.

Be Roots of Orrice, round Birthwort, Euphorbium, A. ʒiv. dried Savin, burnt Allum, precipitate, A. ʒj. Ceruse, Myrrh, A. ʒij. Oyl of Cloves ʒj. make a powder.

Salmon.) the Intention of it is to eat away dead flesh and scale foul bones: first wash the bone with Alum water, then lay the powder on the bone.

80. *Pulvis Antiepilepticus Schroderi*, Schroders Antiepileptick powder.

Take of the secundine of a Male child that is the first born ʒss. skull of a man calcined ʒj. powder of young Crows ʒij. Hares Tunet ʒj. Harts-horn shaved ʒij. Castor ʒss. white Amber ʒij. Mistletoe of the Oak (gathered in the decrease of the Moon) ʒss. seeds and Roots of Peony, (gathered before the new Moon) A. ʒss. Ambergris, Musk, A. ʒss. Coral and Pearl prepared, Dianthos, Pleres Archonticon, Lactificans Galeni, A. ʒj. make them into a powder.

Salmon.) It is a very good thing for what the Title Specifies: you may take ʒj at a time Morning and Night. It cures most Diseases of the Head and Womb.

81. *Pulvis Aromaticus*, A perfuming Powder.

Take Roots of Orrice ʒss. Cyperess, Acorus, A. ʒij. Yellow sanders

ders ʒss Rhodium ʒjss. Diambra ʒij. Troches of Gallia Moschata, Musk, Ambergrise, A. ʒss. make a powder.

Salmon.) 'Tis an excellent perfume and comforts all the Spirits by smelling to.

82. Pulvis ad dentificia, A powder to whiten the Teeth.

Take red Coral prepared, pumise stones prepared, stints calcined A. ʒj. salt of Tartar, Orrice Roots A. ʒij. Vine ashes ʒiv. Adeps Rosarum or oyl of Rhodium ʒss. mix.

Salmon.) It cleanses the Teeth by rubbing them therewith, Clossens has this. Take powder of Bricks ʒss. imbibe it with spirit of Sulphur till it is a paste: add to it Tartar ʒijj: burnt bread ʒij; with which rub foul Teeth, washing them after with hot Alicant. Where note, that powders to cleanse the Teeth are chiefly made of Coral, calcined Tartar, Shells, Bones, Stones, Hornes, Salts, Ashes, Orrice root, Crusts of bread, &c.

83. species febrifuga Mynsichti, Mynsicht's febrifuge powder.

Take periwinkle shells prepared, Elks hoofe calcined without fire, A. ʒj. salts of Centory the less, of Carduus, of Wormwood, A. ʒss. Tartar Vitriolate, Magistery of Vitriol, A. ʒijj. Calamus Aromaticus, Nutmegs, A. ʒjss. Seeds of Hipericon, Cloves, Long pepper, Camphir, A. ʒi. Roots of Tormentil, round Birthwort, Z. doary, Master wort, A. ʒss. mix and make of all a subtil powder.

Salmon.) It cures all sorts of Feavers, whether Quotidian, Tertian or Quartan, being given a little before the fit in waters of

Carduus and Centory the less or in a draught of warm beer the Patient being in Bed and Sweating on it, Dose à ʒjad ʒj

84. Species Diacinnamoni, Me sua, Confect of Cinnamon.

ʒ of the best Cinnamon, which is thin ʒxv. Cassia Lignea (which is a glutinous bark) Roots of Elecampane, A. ʒiv. Galanga ʒvii. Cloves, Long-pepper, Cardamom both sorts, Ginger, Mace, Nutmegs, Xyloaloes A. ʒiiij. Saffron ʒi. Sugar ʒv. Musk ʒii. make a powder.

Salmon.) It strengthens the Head and Stomach, expels Wind, restores strength lost, exhilarates the Spirits, cheers the Heart, and gives ease in the Cholick. Dose ʒi.

85. Pulvis Contra Calculum Vesicae, A powder for the Stone in the Bladder.

ʒ Powder of Hog-lice prepared ʒiv. white Poppy seed ʒj. powder of Vipers ʒij.

Salmon.) It is a powerful Medicine to the intention, and ought to be had in estimation of all troubled with that Disease; give the aforesaid quantity at once in broth of red Cicers ʒx, mixt with Spirit of Wine ʒss.

86. Pulvis purgans Schefferi, Sheffers purging powder.

ʒ Rosin of Jalap ʒv. Scamony roseate; Tartar Vitriolate, A. ʒss. Cremor Tartar ʒj. wood of Aloes, ʒi. sugar of Roses ʒv. mix and make a powder.

Salmon.) It purges watery Elegmatick, and Cholerick humors; give it in the Pulp of roasted

fed Apples, or in stewed Prunes;
to Children a gr. iv ad xij, to el-
der à ʒj ad ʒss.

87. *Pulvis Catharticus Prevotij*, Prevotius his purging powder.

Take *Cremor Tartari* ʒjss. *Sena* ʒj. *Aniseeds*, *Sugar*, A. ʒss. mix them for one dose.

Salmon.) It opens the Spleen, expels Wind, and purges Me-
ancholy gallantly.

88. *Pulvis in Morbo Gallico Herculis Saxonie*, A powder for the French Pox.

Take *Hermodactyls* ʒj. *Turbith* white ʒij. *Sena* ʒss. *Sassa* ʒj. *Ginger* gr. vi. make a powder.

Salmon.) Give it à ʒj ad ʒj in broth or Wine for 20 or 30 days together.

89. *Pulvis solutivus de tribus*, A solutive powder of three purging things.

Take *Sena* ʒvj. *Turbith* ʒiv. *Rhubarb* ʒij. *Liquorice*, *Aniseeds*, *cloves*, A. ʒj. *Spicknard* ʒj. mix and make a powder.

Salmon.) It opens the Liver and Mesaraicks, cures the Dropsy and Gout. Dose ʒj or more.

90. *Pulvis Partum provocans*, A powder hastning the Birth.

Take *Cinnamon*, *Saffron*, *Borax*, *white Amber* A. ʒj. mix and powder.

Salmon.) It is a great secret for this purpose; and if you add the testicles of a horse dried, round Birthwort root, Myrrh, Bryony root, insipiate juyce of Savin, A. ʒss. the Medicine will be much the stronger. Give ʒj in Mugwort water, or Rhenish Wine: It brings away the child whether

alive or dead, as also the after-birth.

91. *Pulvis ad Vertiginem Cratonis*, Crato's powder against the Vertigo.

Take native *Cinabar*, *Peacocks dung*, A. ʒss. red Coral prepared and Pearls, A. ʒij. *Saffron* ʒj. leaves of Gold N^o xv, make all into subtil powder.

Salmon.) Given a ʒss ad ʒj. it perfectly cures the Vertigo, Apoplexy and Falling-sickness.

92. *Tragea Antispleuritica Quercetani*, Quercetans Pleuritick powder.

Take *sal prunelle* ʒij, red Poppy flowers, red Coral, A. ʒj. *sugar* of Violets ʒss, make a powder.

Salmon.) Give it to ʒij or more in water of Corn Poppies; mixt with *Sal Tartari* ʒj.

93. *Trega ad Icterus Quercetani*, Quercetans's powder against the yellow Jaundice.

Take Goose dung gathered in the spring time, and dried in the Sun, *sugar-candy*, A. ʒj. powder them.

Salmon.) Give it à ʒj ad ʒij in Rhenish Wine; it perfectly cures at three or four times taking.

94. *Pulvis Epilepticus Mynsichti*, Mynsicht's powder against the Epilepsy.

Take Mans skull (calcined without fire) ʒj. *Mistletoe* of the Oak, *Fractions Cinabar*, *Elks hoof* A. ʒss. mix and make a fine powder.

Salmon.) To Infants give ʒss. to Elder persons ʒj, in a convenient Vehicle.

95. *Pulvis Ophtalmicus Mynsichti*, The Eye powder of Mynsicht.

Take *white sugar candy*, *Tutia* pre-

prepared A. ʒij. pearls prepared, *Jarcocol* A. ʒls. Sea beans prepared ʒj. mix and make a fine powder.

Salmon.) It is a great secret in many Diseases of the eyes: it clears the sight, and takes away spots: blow it into the eye through a Quill.

96. *Species Diasaturni Mynsichti*, Mynsichts powder of Lead Compound.

Take *Magistery of Lead* ʒj. Spanish juice of *Liquorice*, Lac Sulphuris, China, A. ʒiij. salt of Oriental Pearls, of red Coral, and of Wheat Bread, A. ʒij. fine Bole, flowers of Benjamin, Olibanum, Saffron, Cinnamon A. ʒls. mix and make a subtil powder.

Salmon.) If instead of the China you put Poppy seeds, it will be much better. It is an excellent thing against Phthisicks, Coughs, Ulcers and Obstructions of the Lungs. Dose Morning and Evening à ʒls ad ʒj: in *Liquor Panpharmicus*, in Cap. 11. Sect. 12.

97. *Species Diacinnabaris Mynsichti*, Mynsichts Powder of Cinnabar Compound.

Take Native Cinnabar ʒls. Lapis Stellaris, Elks horn calcined A. ʒiij. Mans skull rasped, Mysterio of the Oak, A. ʒij. Roots and seeds of Peony A. ʒij. Diamyschu Dulce, Diambra, A. ʒj. *Magistery of Pearls and Coral*, A. ʒls. Saffron, Oyl of white Amber, A. ʒj. leaves of Gold No^xij. mix, and make all into a fine powder.

Salmon.) It has a wonderful power against the Epilepsy, Apoplexy, Convulsion, Palsies, Verrigo's, Megrim, fits of the

Mother, and other Diseases of the Head and Womb, having cured those which have been troubled nine, ten, twelve, yet eighteen years, of many of the aforesaid Diseases. Dose à ʒ ad ʒj in the morning till the cure is perfected.

98. *Species Diajallappæ, Mynsichti*, Powder of Jallap compound.

℞ Jallap ʒiijss. Crystals of Tartar ʒxj. Oyl of Cinnamon ʒ make a subtil powder.

Salmon.) It purges Wind, Water, Flegm and Choler, only by stool without pain; purifies the Blood, cures Dropsies, Gout, and Melancholly. Dose à ʒ ad ʒj, or more.

99. *Species Nephreticæ Mynsichti*, The stone breaking powder of Mynsicht.

℞ Crystals of Tartar ʒj. *Magisteries of Pearls and Coral* eyes, A. ʒls. Salt of white Amber ʒj. Oyl of Aniseeds ʒj. white sugar-Candy ʒiv. make a powder.

Salmon.) It breaks the Stone in both Reins and Bladder, and wonderfully expels it, cures the Ichuria, Disuria, and Stranguria: In all these Cases it is a great secret. Dose à ʒls ad ʒj in infusion of Nephritick Wood.

100. *Species Cholagogæ Mynsichti*, Mynsichts powder purging Choler.

Take Resin of Scamony ʒj. Diarrhodon abbatu ʒls. Cremor Tartar ʒij. red Roses virriolated, flower of Centory the less, A. ʒj. mix and make them into a fine Powder.

Salmon.) It opens Obstructions and purges Choler downward

with

without any pain: It augments
and conserves the heat and
forces of the principal parts;
and is a good thing against
Consumptions, Yellow Jaun-
dice, burning Feavers and
tertians. Dose à ʒj, ad ij.

There are also other singular
good Compositions of Pouders,
which you may find the Compo-
sitions, Preparations, Virtues,
Uses, and Various Doses of,
in our Doron Medicum Lib. 2.
Cap. 21.

CHAP. XXII.

OF ELECTUARIES.

I. Electuaries Alterative.

A Neidoteus Analeptica, A
Restorative Electuary.
(Colledge.) R red Roses, Liquo-
rice, A. ʒij. gr. v. Gum Arabick
and Tragacanth, A. ʒviii. Saffron
white and red, A. ʒiv. juyce
of Liquorice, white Search, seeds
of white Poppies, Purslane, Let-
tice, Endive, A. ʒiiii: The four
greater cold seeds husked, seeds of
Quinces, Mallows, Cotton, Violets,
Pine nuts, Pistach nuts, sweet
Almonds, Storax Calamita, Pulp
of Sebestens, A. ʒii. Cloves, filings
of Ivory, Cinnamon A. ʒj. Saff-
ron gr. v. Penids ʒss: being bea-
ten make them into an Electuary

with thrice their weight of Syrup
of Violets.

Salmon.) Here is a whole
grain of Saffron to two thousand
and four hundred grains of the
Composition a Miraculous Pro-
portion, to be observed for fear
of killing the Patient. It is de-
signed to restore in Consump-
tions and Hecticks. It nourishes,
repairs lost strength, and restores
radical Moisture. It cools, a-
bates the heat of Feavers, is Pe-
ctoral, helps Asthma's, Pleuri-
ties, Ulcers of the Lungs, Stone
in the Reins and Bladder, pain
and stoppage of Urine. Dose ʒi.
mein.

morning and evening. Here is added the Storax.

2. *Confectio Alkermes*, Confect of the Berry Chermes.

Colledge.) Take juyce of sweet scented Apples, Damask Rose-water, ana ℥i℥s: Syrup of the juyce of Kermes ℥ij: boyl to the thicknes of Honey: removing it from the fire whilst hot, add Ambergrise (cut small, and dissolved in some drops of oyl of Cinnamon) ℥ii: being well mixed, put in the following things in powder, Cinnamon, Xylolatoes, A. ℥vj. pearls prepared ℥ii. leaves of Gold ℥j. Musk ℥i; make it up according to Art.

Salmon.) Here is raw Silk ℥iv. left out: and some few drops of Oyl of Cinnamon added, But the Apothecary would do well to add the Silk torrifed, and reduced to powder. It is a great Cordial and Restorative: It strengthens the Heart and Spirits Natural, Vital and Animal; restores such as are in Consumptions, Hecticks, and have burning and pestilential Feavers. Dose à ℥j, ad ℥j, or ℥ii. If you make it thus, it will be better. R Juyce of Chermes ℥ij. Spirits of Damask Roses made by fermentation ℥℥s. Oyl of Nutmegs by expression ℥v. Pearl and Coral levigated, solar Bezoar, Cochinele, A. ℥iii. Oyl of Cinnamon, Adeps Rosarum, ana ℥vj. Ambergrise and Musk in fine powder ana ℥iii. white sugar Candy ℥℥s: make it up into an Electuary, by melting the sugar in the heat of a bath, then add the spirit of Roses, Oyl of Cinnamon, and Adeps Rosarum with the perumes, which being mixt well, keep for use, in a Glass close stopp'd with wax. It is

one of the greatest of all Cordia Dose à ℥℥s; ad ℥j.

3. *Electuarium de Saffaphra*, Electuary of Saffaphras wood.

Colledge.) Take of the b scented Saffaphras ℥ii. fair water ℥℥ss: boyl to the Consumption the third part, adding towards the end Cinnamon bruised ℥ss: strai and with white sugar ℥℥ii, boyl to the consistency of a thick Syrup, eating in afterwards in powder, Cinnamon ℥j. Nutmegs ℥ss. Musk gr. i. Ambergrise gr. xxxii. Leaves of Gold N^o 2. Spirit of Vitriol gr. iv. make it into an Electuary according to Art.

Salmon.) It strengthens the Head, Brain, Breast, Lungs and Womb, helps Digestion, expels Wind, provokes the Terms, dries up Moisture of the Womb, and unnatural humors, helps Catarrhs, cheers the Heart, revives the Spirits and cures Barreness. Dose ℥j. You had better infuse the wood in a small Lixivium of Saffa Regale ℥℥ii. and so make it.

4. *Electuarium de Baccis Lauri*, Electuary of Bay-berries.

Colledge.) R Dried Rue ℥x seeds of Bishops weed, of Cummin of Lovage, of Organy, of Nigella, of Caraways, of Carrots, of Parsly, bitter Almonds, black and long Pepper wild Mint, Calamus Aromaticus Bay-leaves, Castoreum, ana ℥ii. Sagapenum ℥ss. Opopanax ℥iii. clarified Honey ℥℥ss: the things to be beaten, being beaten, and the Gum dissolved in wine, make an Electuary S. A.

Salmon.) It strengthens and warms the Stomach, expels Wind, provokes the Terms and gives ease in the Chollick and

Whick

Black Passions. Dose à ʒj, ad ij: you may give ʒss in a Clyster.

5. *Diacappari*, Electuary of Caper roots.

Colledge.) Take bark of Caper roots ʒiv: roots of Agrimony; seeds of Roman Nigella, squills, Asarabacca, Centory, Pellitory of Spain, black Pepper, Parsley, Time, A. ʒj: Honey the tripple weight of all: make an Electuary S. A.

Salmon.) They have added here the Pellitory of Spain. It is designed to open Obstructions of the Spleen, repress Melancholy and warms a cold Stomach. Dose ʒj.

6. *Diacinnamomum Mesuæ*, Electuary of Cinnamon.

Coll.) R of the species of *Diacinnamomi* (in cap. 21. sect. 84. ʒviiss. clarified Hony lbij. ʒviij: boyl and make an Electuary S. A.

Salmon.) It is a good Pectoral and Stomatick, more especially if you make it a little acid with Oyl of Vitriol or Sulphur; it heats and warms the Stomach, causes digestion, helps Coughs and Asthma's, provokes the Terms, expels Wind and eases the Cholick. Dose à ʒj, ad ij: in a morning fasting.

7. *Diacorallion*, Confect of Coral.

Colledge.) R of Coral White and Red, fine bole, Dragons Blood, ʒʒj; Pearls ʒss: Xyloaloes, red Roses, Gum Tragacanth, Cinnamon, A. ʒij; Sanders white and red, A. ʒj, sugar (dissolved in small Cinnamon water) four times the weight, mix and make an Electuary according to Art.

Salmon.) It is a good thing to stop Fluxes of the Belly, the Terms and Whites in Women,

comforts the Heart, and restores in Consumptions; It is a very binding Medicine, and also cooling, good for such as are in lingering Hecticks, or have a loosness. Dose ʒij, or iij.

8. *Diacorum*, Confect of Acorus.

Colledge.) R of the Roots of Cicers or Skirrets or Eryngo, Acorus or Calamus Aromaticus, Pine nuts, A. lbiss: the roots of the Cicers being cleansed, cut, boyled, baked, and pulped, put to them clarified Honey lbx. which boyl, and stir to the just consistency: then removing it from the fire add the Acorus roots beaten, the Pine nuts, and the following things in powder. Take black pepper ʒj: long pepper, Cloves, Ginger, Mace, A. ʒss: Nutmegs, Galanga, Cardamoms, A. ʒij; mix them with the roots and a tripple quantity of Honey, stirring lest it should clotter or secke, and so make an Electuary S. A.

Salmon.) It strengthens and warms the Head, Brain, and Stomach, expels Wind, causes digestion. Dose à ʒj, ad ij. in a morning fasting.

9. *Diacydonium simplex*, Confect of Quinces.

Colledge.) Take flesh of Quinces (cleansed, cut into pieces, and boyled in sweet water to a thickness) lbviij. clarified white sugar (boyled to its just consistency) lbvj: boyl them together to a due thickness.

Salmon.) This is only Quid-dony of Quinces, which see before Cap. 17. sect. 5, & 6.

10. *Diacydonium cum speciebus*, Electuary of Quinces.

Colledge.) R juyce of Quin-

ces,

ces the best, sugar *A. ℥ii.* white Wine Vinegar (added towards the end of the Decoction) *℔ss.* boyl gently over coals, taking away the scum, then add Ginger *℥ii.* white Pepper *℥j.* *℥ii.* *℥ii.* grossly powdered, boyl again to the thickness of Honey.

Salmon.) It comforts and warms the stomach, helps digestion, stays vomiting, expels wind, and stops fluxes: for the stomach sake, take *℥ss.* just before eating.

II. *Dyacydonium Magistrale Compositum*, Electuary of Quinces Magistral.

Colledge.) *Rx* white sugar *℔vj.* spring-water *℔iv.* clarify them with the white of an Egg, scumming them. Then take of ripe Quinces (pared, cleansed from their seeds, and cut into Quarters) *℔viii.* boyl them in the foregoing Syrup till they be tender, then strain the Syrup through a linnen cloth; boyl them again to a jelly, adding towards the end white wine Vinegar *℥iv.* remove it from the fire, and whilst it is warm, put in the following species in gross powder, Ginger *℥j.* white Pepper, Cinnamon, Nutmegs, *A. ℥ii.* keep it in divers boxes.

Salmon.) It has the Virtues of the former, and is a very pleasant thing.

12. *Antidotum Hæmagogum*, An Electuary provoking the Terms.

Colledge.) *Rx* Lupins hulled *℥ii.* black Pepper *℥v.* *gr. vj.* Liquorice *℥iv.* round Birthwort root, Mugwort, Cassia Lignea, Macedonian Parsly-seed, Pellitory of Spain, seeds of Rue, Spicknard, Myrrh, Pennyroyal, *A. ℥ii.* *gr. xiv.* seeds of Parsly, Savin, *A. ℥ii.* *gr. xiii.* Centory the greater, Dancus of Crete, Nigella, Cayaway, Anise, Cloves, rock Allum,

beaten alone, *A. ℥ii.* Bay-leaves *℥j.* *℥ss.* *gr. iii.* Xyloloers *℥j.* *gr. xiv.* Schoenanth *℥j.* *gr. xiii.* Asarabacca, Calamus Aromaticus, Amomum Centory the less, seeds of Orrach, of Peony, of Fennel *A. ℥j.* *gr. vj.* Cyperus, Elecampane, Ginger, bark of Caper Roots, Cammin-seed, Orobus, *A. ℥j.* beat all into a most fine powder, and with four times their weight of sugar let them be made into an Electuary according to Art and ferment for the space of a month before you use it.

Salmon.) It was intended to provoke the Terms, to facilitate the birth, and force away the after-birth and dead Child, cleansing them after travel: It provokes Urine, takes away pain and stoppages thereof, expels wind strengthens the Stomach, helps the Cholick, and breaks the Stone in the Bladder. Dose *℥ii* or *℥ij.*

13. *Confectio de Hyacintho*, Confect of Jacinths.

Colledge.) Take fragment of Jacinths, red Coral, fine Bole, Terra sigillata, *A. ℥ss.* Berries of Kermes. Roots of Tormentil, Dittany, seeds of Citrons husked, of Sorrel, of Purslane, Saffron, Myrrh, red Rose exungulated, Sanders of all sorts, bone of a Stags heart, Harts-horn, Ivory rasped, *A. ℥iv.* Sappirs, Emeralds, Topaz, Pearls, leaves of Gold, Silver, *A. ℥ii.* Camphire, Musk, Ambergrise, *A. gr. v.* with Syrup of Limons make a Confect according to Art.

Salmon.) It is cooling and a great Cordial; but 'twould be a much greater were every thing rightly prepared: It is prevalent against the Plague, small Pox, Measles, burning and pestilenti-

all Feavers it refreshes, and chears the heart and spirits, and restores in Heſtick Feavers. Dose à ʒiſ ad ʒij; the raw Silk ʒij is left out.

14. *Diaſtyrion Nicholai*, Conſect of *Satyriion* roots.

Colledge.) Take ſreſh roots of *Satyriion* ʒiiij. Pulp of Dates, ſweet Almonds, Pine nnts, Piſtach-nuts, green Ginger, *Eryngo canatid*, A. ʒj. Cloves, *Galanga*, Pepper long and black, A. ʒiiij. *Ambergriſe* ʒj. Muſk ʒij. *Pentid* ʒiv. *Cinnamon*, *Saffron*, A. ʒiſ. *Mallago Wine* ʒiiij. Nutmegs, Mace, grains of *Paradiſe*, A. ʒij. *Aſh Keys*, Bellys and Loyns of *ſkincks*, ſaltitious *Borax*, *Benjamin*, A. ʒiiij. *Xyloaloes*, *Cardamoms*, A. ʒij. ſeeds of *Nettles*, *Onions*, Roots of *Avens*, A. ʒiſ. all being beaten and mixed, with ſbiſſs. of Syrup of green Ginger, make an Electuary S.A.

Salmon.) It is intended to provoke luſt and increaſe Seed; it nourishes much and restores in *Conſumptions* and *Heſticks* being given ʒiſ at a time in a glaſſ of good *Alicant* or *Tent*, morning and evening: It alſo provokes *Urine* and the *Terms*, being given in *Rheniſh Wine* before the time.

15. *Electuarium Diaſpermaton*, An Electuary of Seeds.

Colledge.) R the 4 greater and leſſer cold Seeds, ſeeds of *Aſparagas*, *Burnet*, *Bazile*, ſtone *Paſſy*, winter *Cherries*, A. ʒij. *Gromwel* [*Spaniſh*] juyce of *Liquorice* A. ʒiiij. *Cinnamon*, Mace, A. ʒj. white Sugar (diſſolved in *Marſhmallow water*) eight times their weight; make an Electuary according to Art.

Salmon.) It has the Virtues of the ſoriter; but is chiefly uſed to

provoke *Urine* and break the *Stone*: Dose à ʒij ad liij in *Pericary water*. The name is very improper to the Medicine, for *Sperma* ſignifies rather the Seed of Animals then of Vegetables.

16. *Micleta Nicholai Myreſſi*, Or An Electuary ſtopping Fluxes.

Colledge.) R the barks of all the *Myrobalans* torriſied, A. ʒiſ. Seeds of *Creſſes*, *Cummin*, *Aniſe*, *Fennel*, *Biſhops-weed*, *Carraways*, A. ʒiſ. bruise the crude ſeeds and ſprinkle them with ſharp white wine *Vinegar*, after dry them and beat them into powder; adding the *Myrobalans*, and the following reduced into powder: *Spodium* of *Ivory* calcined to whiteness, *Balaustiſians*, *Su-mach*, or pulp of the berries, *Maſtick*, *Gum Arabick*, A. ʒj. gr. xv. all being mixed with Syrup of *Myrtles* (boyled to a thickneſſ) ʒx. make an Electuary S.A.

Salmon.) It ſtops all ſorts of Fluxes; the *Terms* and *Whites* in Women, expels *Wind*, and eaſes the *Cholick*. Dose ʒiiij or iv.

17. *Electuarium Pectorale*; An Electuary for the Lungs.

Colledge.) R (*Spaniſh*) juyce of *Liquorice*, ſweet *Almonds*, and ʒiſ. *Pine-nuts* ʒj. *Hiſſop*, *Maiden-hair*, *Orrice*, *Nettle ſeeds*, round *Birth-wort*, and ʒiſ. black *Pepper*, *Seeds* of *Creſſes*, roots of *Elecampane*, and ʒiſ. *Honey* ʒxiv. make an Electuary according to Art.

Salmon.) It was invented againſt *Coughs*, *Colds*, *Aſhma's*, and other vices of the Lungs, helping ſuch as ſpit *Blood* and matter. Dose ʒiſ taken by degrees.

18. *Theriaca Diatriſſaron*, *Mefua*, Treacle of ſour things.

Colledge.) R^e Roots of Gentian, of round Birth-wort, Myrrh, Bayberries, ana ℥ii. Honey ℔ii. mix, and make an Electuary S. A. which being added to the raspings of Ivory ℥ii. makes Diapente, or Treacle of five things.

Salmon.) It is good against cold and moist distempers of the Head, Brain, Stomach, and Bowels, and therefore is prevalent against Epilepsies, Apoplexies, Convulsions, Palsies, Megrims, Vertigo's, Pleurifies, weakness of the Stomach, want of Appetite, Wind, stoppage of the Terms, the Chollick, Plague, Poyson, and malign Feavers, dead Palsys, &c. It also facilitates Delivery, bringing away both Birth and after-Birth. Dose a ʒi ad ii.

19. *Diascordium Fracasorij*, Confect of Scordium or Water Germander.

Colledge.) R^e Cinnamon Cassia lignea, ana ʒss. Scordium ʒj. Dittany of Creet, Tormentil, Bist-rt, Galbanum, Gum Arabick, ana ʒss. Storax Calamita ʒivss. Opium, seeds of Sorrel, ana ʒjss. Gentian ʒss. sine Bole ʒjss. Earth of Lemnos ʒss. long Pepper, Ginger, ana ℥ii. clarified Honey ℔iiss. Sugar of Roses ℔j. Canary ʒviii. make an Electuary according to Art.

Salmon.) It is an excellent thing against Plague, Poyson and all malign Feavers, it stops a looseness, all sorts of Fluxes, Vomiting, defluxions of Rhume, Coughs, is good against watchings, all manner of pains in any part of the Body, Obstructions of the Lungs, the Whites in Women, Pleurifies: It strengthens

the Heart, gives rest, restores in Consumptions, revives the Spirits, and recreates the natural powers. You may give it safely to Children à gr. xv. ad ʒj. to elder Persons à ʒss. ad ʒil.

20. *Mithridatium Damocrate*, The Mithridate of Damocrates, taken from the Greek Copy.

Colledge. Take Arabian Myrrh, Saffron, Agarick, Ginger, Cinnamon, Spicknard, Frankincense, Treacle Mustard, ana ʒx. Seeds of Hartwort, Opobalsamum, (or instead thereof Oyl of Nutmegs by expression) Camels hay, Arabian Stachas, Costus, Galbanum, Cyprus Turpentine, long Pepper, Castoreum, juyce of Hypocistis, Storax Calamita, Opopanax, Indian leaf (or for want of it, Mace) ana ʒj. Cassia Lignea, Polymountain, white Pepper, Scordium, Seeds of Dandelion of Creet, Carpopalsamum (or in place thereof, Cubebs) Troche, Cyphos, Bdellium, A. ʒvii. Celtick Spicknard purified, Gum Arabick, Seeds of Macedonian Parsly, Opium Cardamoms (the less) Fennel-seed Gentian, (red) Roses, Dittany of Creet, ana ʒv. Aniseeds, Asarabacca (some say round Birthwort) Acorns (or Calamus Aromaticus) Orrice, Valerian (the greater) Sagapenum A. ʒiii. Meum, Acacia, the bellies of Skinks tops of Hypericon, A. ʒiiss. Wine a sufficient quantity (let it be the best Canary, so much as may dissolve the Gums and Juyces, namely about ʒviii.) clarified Honey the triple weight of all (except the Wine) which is ℔ix. ʒviii. ʒii. make an Electuary S. A.

Salmon.) It is as well as a Cure a Preservative from the Plague

and all Pestilential & infectious Diseases; it preserves health, represses melancholy, causes cheerfulness; cures the bitings or stings of any poisonous Creature, expels Poyson, cures the Vertigo, Epilepsy, Apoplexy, Palsy, Trembling, deprivation of the Senses, Frenzy, Madness; want of Sleep and Rest, Inveterate pains of the Head, Megrims, Soda, Coughs, Colds, Asthma's, difficulty of Breathing, spitting Blood, bleeding (given with Poppy-water) Palpitation, Swooning, and other Passions and Distempers of the Heart, sickness of the Stomack, Wind, want of Appetite and Indigestion: It eases the Cholick and Illiack Passion immediately, and all other pains, is profitable against Psora, Scabs, Leprosy and Elephantiasis, cures a Diarrhæa, Dysenteria and Lienteria, the Flux of the Terms and Whites in Women. It is good against the Stone and Gravel, whether in the Reins or Bladder, gives present ease, provokes Urine, and takes away the heat and sharpness thereof, cures the Dysuria, Ischuria, and Stranguria, helps Ulcers of the Bladder, strengthens the Genitals, provokes Lust, and strangely helps such as have Cancers, Gouts, Sciatica's, Quarans, and other Chronick Diseases from Cold and Melancholy humors. It is also very powerful in many effects of the Womb. It cures weakness, Pleurifies, and such as languish in Hecticks, Consumptions, Poyson, and the most intolerable pains. Dose ʒj. ad ʒiij. in a Vehicle, proper

to the Disease you intend it for. Otherwise in general give it at night in a glass of Rhenish wine, Alicant, Tent, or Canary.

21. *Philonium Persicum*, A Persian Confect causing rest & sleep. Colledge.)

Take white Pepper, white Henbane seeds, A. ʒxx. Opium, Terra Lemnia, ana ʒx. Blood-stone prepared, Saffron, A. ʒv. Castoreum, Indian Spicknard, Pyrethrum, Pearls, Amber, Zedoary, Elecampane, Troches Ramich, A. ʒj. Camphir ʒj. the best Honey of Roses, the triple weight of all, mix, and make an Electuary S. A.

Salmon.) It stops the Flux of the Terms the Whites, Hemorrhoids, Catarrhs, bloody Fluxes, eases Coughs, and prevents miscarriage, having all the Virtues of Mithridate, but ten times stronger and more powerful. Dose ʒj. or more, as occasion requires. It cures the Cholick, and eases all manner of pains to a wonder. In the Augustan Dispensatory there is Euphorbium and Doronicum, A. ʒj. which are he left out. Mesue was the Author of it.

22. *Philonium Romanum-Nicholai*, A Roman Confect causing rest and sleep.

Colledge.) Take white Pepper, Seeds of white Henbane, A. ʒv. Opium ʒiiss. Cassia lignea ʒiss. Seeds of Parsly ʒi. of Macedonian Parsly, of Fennel, of Daucus of Creet, A. ʒiij. gr. v. Saffron ʒiss. Indian Spicknard, Pyrethrum, Zedoary, A. gr. xv. Cinnamon ʒiss. Myrrh, Castor, A. ʒj. clarified Honey, the triple quantity of all, mix, and make an Electuary according to Art.

Salmon.) Here is also left out the prepared Euphorbium ʒj. It has all the Virtues of the former and of Mithridate, and may be given ʒj. ad ʒj. In the Stone and Strangury, Cholick, and all extremity of pain, esteem it as a Jewel This in the Aug. Disensatory is called *Philonium majus* *Nicholia dyrepss.*

23. *Philonium Magistrale*, A Magistral Confect, causing rest and sleep.

Colledge.) Take Opium prepared ʒiv. Benjamin, Myrrh, Mummy, ana ʒss. S.V. a sufficient quantity to make an Opiate.

Salmon.) The Virtues are the same with Laudanum, which see in its proper place. Dose ʒ gr. i. ad. iij.

24. *Electuarium de Ovo*, Electuary of Eggs.

Colledge.) Re a Hens Egg new laid, the white being extracted by a small hole, fill up the void place with Saffron, leaving the yolk in: then the hole being stoped, rest it in a gentle heat, or at the mouth of an Oven, till the whole shell begins to look black: take diligent care that the Saffron be not burnt (for then is the whole Medicine spoiled) The matter being taken out dry, so that it may be beaten into powder, add to it as much powder of white Mustard seed as the whole weight, then take Roots of white Dittany or Fraxinella, Tormentil A. ʒij Myrrh, Harts-horn, roots of Butter Burr, A. ʒj. Roots of Angelica, Burnet Zedoary, Juniper berries, Camphir, A. ʒss. mix them all together in a Mortar; and adding Venice treacle the weight of them all, stir them about with a Pestle, for about three hours, putting to it

syrup of Limons, enough to make it into an Electuary according to Art.

Salmon.) It is an Antidote against Poyson, Plague, pestilential and malign Feavers Measles and small Pox: it provokes sweat, defends the Heart, and cheers the Vital powers. Dose ʒj ad ij.

25. *Theriaca Andromachi*, Venice Treacle, or Treacle of Andromachus.

Colledge.) Re Troches of squill ʒxlviij. Troches of Vipers, long Pepper, Thebian, Opium, Troches Hedychroi, A. ʒxxiv. red Rose exungulated and dried, Illirick Orrice, Juices of Liquorice, seeds of sweet Naxew, Tops of (cordiam, Opobalsamum, Cinnamon, Agarick troches, A. ʒxij. Myrrh, sweet Cloves or Zedoary, Saffron, Cassia lignea, Indian (picknard, schenanth, Pepper white and black, Olibanum Dittany of Crete, Rhapontick, Arabian Stachas, Horehound, seeds of Macedonian Parsly, Calamith dried, Cypress Turpentine, Roots of Cankfoil and Ginger, A. ʒvi. Tops of Poly mountain, Ground pine, Celtic picknard, Amomus, Storax Calamita, Roots of Meum, Tops of Gemanter, Pontick Rhubarb, Ter Lemnia, Indian leaf, chalcitis burnt or instead thereof Roman Vitric burnt, Gentian roots, Gum arabick Juice of Hypocistis, Carpobalsamum or Nutmegs, or Cubebs, seeds of Annise dried, of Cardamoms, of Fennel of Hartwort, Acacia, or instead thereof inspissate Juice of sloes, seed of Treacle Mustard, Tops of Hypericon, seeds of Bishops weed, Sagapenum, ana ʒiv. Castor, Roots of round Birthwort, Bitumen judaicum, seeds of Daucus Creticus, Opipanax, Centory the less, Galbanum A. ʒ

A. Zij. clarified Honey the triple weight of all the species dried, (which is lbxiv ℥v, Zij.) mix them S.A.

Salmon.) The Virtues and Dose are exactly the same with Mithridate (at Sect. 20.) but this is accounted somewhat the better Medicine. This is almost word for word with that in Galen. ἀντισκωτον, composed first by Andromachus Neronis Medicus.

26. Theriaca Londinensis, London Treacle.

Colledge.) R Hartshorn rasped Zij. seeds of Citrons, Sorrel, Peony, Basil, A. Zij. scordium, Coralline, A. Zvj. Roots of Angelica, Tormen-til, Peony, leaves of Dittany, Bay-berries, Juniper-berries, A. ℥ss. flowers of Marigolds, Clove-Gill-flowers, of Rosemary Tops, of Hypericon, Nutmegs, Saffron, A. Zijij. Roots of Gentian, Zedoary, Ginger, Mace, Myrrh, leaves of Scabious, Devils-bit, Carduus, A. Zijij. Cloves, Opium, A. Zij. Canary wine, q. s. clarified Honey the triple weight of all, mix them S.A.

Salmon.) It is of the nature of Mithridate and Venice Treacle, but not altogether so strong, and bitter tasted. It is an Antidote against Poyson, Plague and Pestilential Feavers, it strengthens the Heart, revives the Spirits, fortifies the Stomach, causes digestion, comforts the Brain, and Nerves, kills Worms, and is very prevalent against the Scurvy. Dose à Zij ad iv. in a Morning fasting or at Night.

27. Diacrocuma, Electuary of Saffron.

Colledge.) R Saffron, roots of Asarrabacca, seeds of Stone Parsly, Carrots, Annise, Parsly, A. ℥ss.

Rhubarb, roots of Spiguel, Indian Spicknard, A. Zvj. Cassia lignea, Costus, Myrrh, Schœnanth, Cubbs, roots of Maddar, inspissate Juices of Wormwood and Maudlin, Opopalsamum, or Oyl of Nutmegs, A. Zij. Cinnamon, Calamus Aromaticus, A. ℥jss. Tragacanth, Zij. with eight times their weight of white sugar, dissolved in Endive water and clarified; make an Electuary, S.A.

Salmon.) It is an Antidote against all malign Distempers, expels Wind, eases the Cholick, breaks and expels the Stone, warms a cold Stomach, causes Digestion, opens Obstructions of Liver and Spleen, and provokes Urine. Dose à Zij ad ij or more.

II. Of Purging Electuaries.

28. Benedicta Laxativa, The Blessed Laxative or Loolner.

Colledge.) R of Choise Turbeth ℥x. Diagrydium, Roots of Esula prepared, Hermodactis, red Roses, A. Zv. Cloves, Spicknard, Ginger, Saffron, long Pepper, Amomus, or for want thereof Calamus Aromaticus, the greater Cardamoms, seeds of Parsly, Stone-Parsly, Carraways, Fennel, Aspragus, Saxifrage, Gromwell, Sal Gem, Galanga, Mace, A. Zij. with the tripple weight of clarified Honey make an Electuary S.A. You may keep the species by themselves in your shop.

Salmon.) it is an excellent thing to purge Flegm and watery humors, especially from the Extreame parts and Joints, and therefore is a good thing against the Gout Sciatica, Drop- tic, and other Chronick Diseases,

Dose à ℥iij ad vi. in Rhenish Wine.

29. *Caryocostinum*, Electuary of Costus.

Colledge.) R of Cloves, Costus or Zedoary, Ginger, Cummin, A. ℥ii, Hermodactyls, Diagrydium, A. ℥ss. Honey of Roses the triple weight of all: mix them together (except the Diagrydium) then add the Honey, with a Ruddle mix them well together: Lastly, cast in the Diagrydium powder'd by it self, and make an Electuary, S. A.

Salmon.) It is powerful to all the former Intentions, and very effectual against the Gout, pains of the Joynts, Dropsie, Scurvy, Jaundice and Green sickness: Dose à ℥ii ad iii. in Rhenish Wine: you may also give it in Clysters ad ℥vi.

30. *Cassia extracta pro Clysteribus*, Cassia extracted for Clysters.

Colledge.) R leaves of Violets, Mallows, Beets, Mercury, Pellitory of the Wall, flowers of Violets, A. M. j. make a decoction in a sufficient quantity of water (adding at the end the Violet flowers) by the help of which let the Cassia be extracted, and the in-sides of the Canes washed; then take of the Cassia thus drawn and boyled to a consistency ℥j. red Sugar ℥iiss. boyl them to the thickness of an Electuary S. A.

Salmon.) You must break the Canes, then take out the Pulp, casting away the Seeds, and boyling it in a small quantity of the said Decoction, force it through a pulping Sieve. It is ordinarily given in Clysters, to cool and gently purge; but taken by the Mouth, it is fully as good to cool and

cleanse the Reins of all Slime, Gravel, and Filth, for which purpose it is excellent in Gonorrhæa's. Dose ab ℥j. ad ℥ii. in Rhenish Wine or Whey: to strong Bodies you may give more.

31. *Electuarium Amarum Magistrale majus*, The greater bitter Electuary.

Colledge.) R of the whitest Agarick, choice Turbeth, species Hiera simplex, the best Rhubarb, A. ℥j. choice Aloes unwashed ℥ii. Ginger, Crystals of Tartar, A. ℥ii. Florentine Orrice, powder of sweet Fennel-seeds, A. ℥j. Syrup of Roses solutive q. s. make an Electuary S. A.

Salmon.) It purges Cholera, Elegm, and watery humors, opens Obstructions in the Liver and Spleen, and is very good against Gouts, and Dropsies. Dose ab ℥ss ad ℥j. in Rhenish Wine.

32. *Electuarium Amarum minus*, The lesser bitter Electuary.

Colledge.) R *Epithymum* ℥ss. Roots of Angelica ℥iij. Roots of Gentian, Zedoary, Acorus, A. ℥ii. Cinnamon ℥iiss. Cloves, Mace, Nutmegs, Saffron, A. ℥j. Aloes ℥vi. with Syrups of Fumitory and Scabius, white Sugar, A. q. s. make a soft Electuary.

Salmon.) It gently purges Cholera and Melancholy. Dose à ℥vi. ad x.

33. *Diacassia cum Manna*, Electuary of Cassia with Manna.

Colledge.) R Damask Prunes ℥ii. Flowers of Violets M. iiss. Spring water ℥iiss. boyl them S. A. to the consumption of one half: Strain & dissolve in it Cassia newly drawn ℥vj. Sugar of Violets, Syrup

up of Violets, A. Ziv , pulp of Tamarinds Zi , Sugar Candy Ziss , of the best Manna Zii , mix, and make an Electuary according to Art.

Salmon.) It is an excellent and cooling Purge, working gently and without pain, expelling all cholerick humours out of the Body, chiefly from the Reins: you may also give it in cholerick and burning Feavers, for it cools and takes away the morbidick matter with delectation. Dose ab Zi ad Zii or more.

34. *Cassia extracta sine foliis Sena*, Cassia extracted without Sena.

Colledge.) Take Prunes $\text{N}^{\circ} \text{xii}$ Violet flowers M. j. Barley cleansed, seeds of Anise and Carthamus, Porypody of the Oak, ana Zv . Maiden hair, Time, Epithymum, ana M. ss . Raisins ston'd Zss , Seeds of sweet Fennel Zii , Purslain, Mallows, ana Ziii : Liquorice Zss , boyl them in water q. s. strain and dissolve therein pulp of Cassia Ibii , Tamarinds Zi , Cinnamon Ziii , the best Sugar Ibi , boyl them to an Electuary.

Salmon.) It gently purges Choler and Melancholy, cools and cleanses the Reins: is pectoral and good against Coughs. Dose ab Zss , ad Ziiss in Rhenish Wine.

35. *Cassia extracta cum foliis Sena*, Cassia extracted with Sena.

Colledge.) Take of the former Electuary Ibii , powder of Sena Zii , mix them.

Salmon.) It has the former Virtues, and is especially good for such as are oppressed with Melancholy. Dose a Zvi ad xii in Rhenish Wine or Decoction of Epithymum.

36. *Diacarthamum*, Electuary

of Carthamus seeds.

Colledge.) Take of the species Diatragacan hi frigid Zss , pulp of preserved Quinces Zi , Carthamus seeds husked Zss , white Ginger Zii , Diagrydium beaten by it self Ziii , white Turbith Zvi , Manna in grains Zii , Honey of Roses solutive strained, Sugar Candy, ana Zj , Hermodactils Zss , pure white Sugar Zxis : mix the Honey, Manna and pulp of Quinces with the Sugar whilst hot, being boyled to a solid consistency, then add the powders and make a solid Electuary to be formed into Tables according to Art.

Salmon.) It is an excellent thing to purge choler, flegm, wind and watery humours from all parts of the body, chiefly from the Head and Joynts: It is a good thing for Gouts, Dropics, Rheumatisms, Palsies and old Head-aches being made up in Lozenges, it may be given Children to kill Worms. Dose ad Zss ad Zi .

37. *Diaphenicon*: Electuary of Dates.

Colledge.) Take pulp of Dates boyled in Hydromel Ibss , fresh Peonids Ziii , sweet Almonds blanched Ziiiss , all being bruised and well mixed, add clarified Honey Ibj , boil a little, then sprinkle in Ginger, long Pepper, Mace, Cinnamon, Rue dried, seeds of Fennel, of Daucus, ana Zii , Turbith in fine powder Ziv . Diagrydium Ziss , make an Electuary according to Art.

Salmon.) It has the Virtues of the former: Dose a Zvi ad Ziii : Authors say, it is good against Feavers and Agues arising from Flegm and Choler; as also against the Cholicke, &c. but 'tis really good against the Gout and Drop-

sic. In this there is but half the Quantity of Penids and Honey, whatever the matter is.

38. *Diaprunum Lenitivum*, Electuary of Prunes Lenitive.

Colledge.) Take Damask Prunes fresh and ripe N^o 100, boil them in a sufficient quantity of water till they are wasted: take them from the fire, and being a little cooled, force the pulp through a pulping sieve. In the strained liquor boyl gently flowers of Violets ℥j, strain, and with Sugar ℔ii, boil it into a syrup; then add of the aforesaid pulp ℔is: Pulp of Cassia and Tamarinds (dissolved in a small quantity of the said Decoction and strained) ana ℥j, boil again gently, continually stirring of it, after mix these following Powders; Sanders white and red, Rhubarb, ana ℥iij, Red Roses, Violets; seeds of Purslain, Succory, Barberries, Gum Tragacanth, juice of Lignovrice, ana ℥ii, the four greater cold seeds husked, A. ℥j, make an Electuary S. A.

Salmon.) It is a delicate thing to cool and loosen the Belly, quench thirst, allay the heat of Feavers, and refresh the Body in Consumptions, Hecticks and Marasmos. Dose ab ℥j, ad ℥ij or more at night going to Bed. It works without pain.

39. *Diaprunum Solutivum*, Electuary of Prunes Purgive.

Colledge.) R^e of the former Electuary, new made, and warm ℔iv. Scammony prepared ℥ii, ℥v. mix, and make an Electuary S. A.

Salmon.) It purges Choler, and roots out all Diseases thence proceeding: and is prevalent against Gouts, Dropsies, Rhumarisms and the French-Pox. Dose ℥vj.

40. *Catholicon*, The Universal purging Electuary.

Colledge.) Take pulp of Cassia and of Tamarinds, Sena A. ℥ii. Polypody, Violets, Rhubarb. A. ℥j. Aniseeds, Penids, Sugar-candy, Lignovrice, Seeds of Gourds, Citruls, Cucumbers, Melons, A. ℥ii. The things to be bruised, being bruised, take of fresh Polypodium bruised ℥ii. Fennel seeds ℥v. make a Decoction in water ℔iv. boyling to the Consumption of a third part, strain, and add to it of the best Sugar ℔ii. boyl again to the thickness of a Syrup: then to the pulp of the Cassia and Tamarinds, dissolved in part of the Decoction, and put upon the fire, put leisurely the Syrup, after add the powders, and make an Electuary S. A.

Salmon.) It cools, loosens and purges very gently Flegm, Choler and Melancholy, It opens Obstructions of the Stomach, Liver, Spleen and Reins, is good against Head-achs, Agues of all sorts. Dose ab ℥j, ad ℥ij: or more at night going to bed; but 'tis most usually given in Clysters.

41. *Electuarium de Citro Solutivum*, Electuary of Citrons purging.

Colledge.) R^e Citron peels preserved, Conserves of the flowers of Violets and Bugloss, Diatragacanthum frigidum, Diagrydium, A. ℥ss. Turbeth ℥v. Ginger ℥ss. Sena ℥vi. sweet Fennel seeds ℥i. white sugar (dissolved in Rose-water, and boyled according to Art) ℥x. beat in a brass Mortar the Turbeth and Ginger (first cut small) Fennel and Sena; and by it self, the Diagrydium, which mix with a little of the powder Diatragacanthum new made.

made. In a Marble Mortar beat the Citron Peels, then add the Conerves, which force through a pulping sieve, and boyl a little in some Sugar dissolved, take it from the fire, and whilst warm, cast in by little and little the powder; lastly the Diagrydium mixt with the Diatragacanthum, and of this paste make Tables.

Salmon.) It purges all humors, and is singular good against all Diseases proceeding from them: It opens Obstructions of the Spleen, cures Melancholy, Gout, Scurvys, Dropsies, Rheumatisms, and the Green-sickness in Virgins. Dose à Zijj. ad vj. in Syrup of Roses or Decoction of Epithymum.

42. *Electuarium ex Ellebore five Elleborismus*, Electuary of Hellebor.

Colledge.) Take white Hellebor cut thin lbj. Spring-water lbxii. digest 3 whole days, then boil to the Consumption of the half; strain, pressing it strongly: adding Honey lbij. boyl it again to the consistence of Honey. This Electuar put into a glass or glazed Vessel, and keep it for use.

Salmon.) This is no Electuary but a Syrup; Surely the Colledge were scarcely in their wits to place it here: but it must be somewhere, and the matter is not great. It cures Melancholy, Frenzy and Madness with a vengeance. Dose à Zijj. ad ij.

43. *Confectio Hamech*, A bitter Arabian Confect, purging Melancholy.

Colledge.) Take barks of Citron Myrobalans Zij: Chebs and black Myrobalans, Violets, pulp of Coloquinrida, Polypody of the Oak, ana Ziss: Wormwood, Time, ana

Ziss: Seeds of Anise, Fennel, red Roses, ana Zijj: all being bruised, digest them for a day in whey lbvi, then boyl to the consumption of the half, strain and press out, to which add juyce of Fumitory, pulp of Prunes and Raisins, ana lbs: white Sugar, clarified Honey, ana lbj, boyl them to the thickness of Honey, sprinkling in towards the end Agarrick trochiscated Zij: Rhubarb Ziss: Diagrydium Zvi: Cinnamon Ziss: Ginger Zij: Spicknard, Seeds of Fumitory and Anise, ana Zij: make an Electuary according to Art.

Salmon.) This is not the Confectio Hamech Major Mesue, but that which was castigated and reduced to this form of preparation by Fernelius. It is intended as a Purge for Melancholy and Salt Flegm, being very prevalent against Diseases of the Head, Stomach, Bowels and Joynts. It is good against the Head-ach, Vertigo, Megrim, Lethargy, Frenzy, Madness, Melancholy, Obstructions of the Stomach and Bowels, Dropsies, Gout, Scurvys, Breakings out, Surfeits, Bitches, Boils, Scabs, Ulcers, Cancers, Leprosies, &c. Dose à Zijj ad Zvj: or you may mix Zijj. of it with Electuary Lenitive, and so take it in Rhenish Wine.

44. *Electuary Lenitivum*, Electuary Lenitive.

Colledge.) Take Raisins stoned, fresh Polypody of the Oak, Oriental Sena, ana Zij: Mercury M. iss: Jujubes, Sebestens, ana N^o xx: Maiden hair, Violets, Barly cleansed, ana M. j: Damask Prunes, Tamarinds, ana Zvj: Liquorice Ziss: let them be boyled accordi g

to Art in Water ℞ , to the wasting of a third part, then strain by expressing strongly: In part of which whilst warm dissolve pulps of Cassia, of Tamarinds, of new Prunes, Sugar of Violets, ana ℥vi . In the other parts dissolve the best Sugar ℔ii . At last add Sena in powder ℥iss : Aniseeds in powder ℥ii , for every pound of Electuary, and so reduce it into form S. A.

Salmon.) This is a good thing for all Costive Bodies being taken about ℥ss : mix with Cremor Tartari ℥ss , a little before Dinner: It gently opens and loosens the Bowels, and being often used prevents breeding of the Stone, and of many other ill Diseases: for it opens Obstructions, cleanses, cools and expels Flegm, Choler and Melancholy. It is profitable for persons Consumptive, and such as have continual or intermitting Feavers, taken ℥vi ad ℥xii at night going to Bed: you may also give it in Clysters to make the Body soluble.

45. *Electuarium Passulatum*, Electuary of Raisins.

Colledge.) ℞ Roots of fresh Poly-pody of the Oak ℥iii : Sena, fresh Roots of Althæa, ana ℥ii : Aniseeds ℥ii : Infuse them in a glazed Vessel in a sufficient quantity of spring-water; boyl them according to Art, then press out, and to the strained liquor add pulp of Raisins (forced through the sieve) ℔ss : white Sugar, Manna, ana ℥iv : boyl it again to the thickness of Marmalade of Quinces, and renew it four times a year.

Salmon.) It is a good Pectoral, opens the Brest, Lungs and Bowels, and purges Choler and Melancholy, cools and is good

against the Stone and Gravel in both Reins and Bladder. Dose ℥i ad ℥ii in Rhenish Wine.

46. *Electuarium à Succo-Rosarum*, Electuary of the Juice of Roses.

Colledge.) Take Sugar, Juice of red Roses clarified in the Sun, ana ℔i ℥iv : The Three Sanders, ana ℥ss . Mastick ℥iii : Diagrydium ℥xii : Camphir ℥i : let the Sanders be rasped, and then neatly pulverized and seared: to which add the Diagrydium powdered by it self with a few drops of Oyl of sweet Almonds, after mix the Camphir and the Mastick subtilly powdered in like manner; Lastly put to the Juice of Roses boyled to a Syrup with the Sugar, and being warm make an Electuary according to Art.

Salmon.) It purges Flegm and watery Humors from the Joynts and extreame parts, and is good against the Gout, Quotidian, and Tertian Agues, and is profitable in Dropfies: Dose ℥i ad ℥v : or you may give ℥iii with Catholicon ℥ss .

47. *Hiera Picra simplex*, The Holy but bitter Confect.

Colledge.) Take Cinnamon, Mace, Roots of Asarabacca, Spicknard, Mastick, Saffron, ana ℥vi : Aloes not washed ℥xiiss : clarified Honey ℔iv ℥iii : mix, and make an Electuary S. A. the species also may be kept by themselves in the shops.

Salmon.) Galen was the Author of this Medicine, but in the Prescript Fernelius is followed: It takes its name from its signal Virtues and its bitterness. *Hiera*, id est, *Sacra*, ob insignes effectus, & *Picra* ob insignem amarorem, propter Aloen à qua Basim & purgatricem vim habet. It is a good

good thing to loosen the Body, and gently evacuate Choler and other ill humors. It heats, incides, attenuates, dries, deterges, opens Obstructions, and purges thick Phlegmatick humors. In affects of the Stomach, Mesentery, Liver, Womb, Head and Joynts it is excellent: Dose à ʒii ad ʒiii in Wormwood Rhenish Wine, with ʒj of Syrup of Mugwort Compound at Night going to Bed: so taken, it is said to provoke the Terms, and cure the Green-sickness.

48. *Hiera cum Agarico*, Hiera with Agarick.

Colledge.) Take species of Hiera simplex without Aloes; Agarick Trochiscated; ana ʒss: Aloes not washed ʒj: mix, and make an Electuary.

Salmon.) It has the former Virtues joyned with the Virtues of Agrick, which see l. i. c. 4. § 13. a foregoing.

49. *Hiera Logadii, Nicholai Myrepsi*, Hiera of Logadius from Myrepsus.

Colledge.) ʒ Pulp of Coloquintida, Polypody, Euphorbium, Poly-Mountain, seeds of Thymelæa, ana ʒj ʒss gr. vi: Wormwood, Myrrh, ana ʒj gr. xii: Centory the less, Agarick trochiscated, Gum Ammoniac, Indian Leaf or Mace, Spicknard, Squills prepared, Diagrydium, ana ʒj: Aloes, Tops of Thyme, Germanander, Cassia Lignea, Bdellium, Horehound, ana ʒj gr. xiv: Cinamon, Opopanax, Castoreum, long Birthwort, the three sorts of Pepper, Saffron, Sagapenum, Parsly, ana ʒii: Hellebor black and white, ana gr. vi: clarified Honey ʒijss: mix, and make an Electuary according to Art. The species also you may keep by themselves in your

shops. Beat the Roots and Barks, then the Herbs, Fruits and Parsly seeds, then the Castor and Bdellium; Powder by themselves the Euphorbium, Aloes, Myrrh, Saffron and Diagrydium (mixt with a few drops of Oyl of sweet Almonds) and in like manner the Coloquintida cut; the Gums dissolve in Wine, then strain, and boyl to the thickness of Honey, which dissolve again in the clarified Honey being warm, lastly by degrees put in the Pouders, and make an Electuary S. A.

Salmon.) 'Tis a good thing against Chronick Diseases, as Melancholly, old Head-achs, Megrim, Falling-sickness, Convulsions, Vertigo, Lethargy, Carus, Palsy, Trembling, Obstructions of the Liver, Spleen and Joynts, Gout, Sciatica, running Gout, stoppages of the Terms, Poyson, biting of Venomous Creatures, Scabs, Morpew, Pimples, Boils, Pustles, Ich, Leprosie, Madnes, &c. Dose ʒii or ʒiii in a draught of Mead, burnt Rhenish Wine or muld Sack: It ought only to be given to strong Bodies, and almost incurable Diseases; in a Clyster you may give ʒss or more. It is now out of use because of its heat.

50. *Hiera Diacolocynthidos*, Hiera with Coloquintida, or that of Archigenus.

Colledge.) Take Colocynthidis, Agaick, Germanander, white Horehound, Stæchas, A. ʒx: Opopanax, Sagapenum, seeds of Stone Parsly, Roots of round Birthwort, white Pepper, ana ʒv: Spicknard, Cinamon, Myrrh, Indian Leaf, or Mace, Saffron, ana ʒiv: beat the Gums in a Mortar, sift the rest, and with clarified Honey ʒliii ʒv. make

make an Electuary, S.A.

Salmon.) This Paulus de re Medica, lib. 7. cap. 7. attributes to Archigenus; Orisbafius in his Synopsi lib. 3. gives it to Ruffus: others, as Serapionus Langus saith Pacchius was Author thereof. It is an excellent thing against Diseases of the Head and Womb, cures Headachs, Megrims, Vertigo's, Falling sickness Corruption and Putrefaction of the Stomach and Bowels. French Pox, &c. Dose à Zij ad iv.

51 Tryphera minor, The Delicate or Delicious Electuary, the less composition.

Colledge.) R. Cheb, Bellerick, Indian and Emblack Myrobals, Nutmegs, A. ʒv. seeds of Cresses, Persian Origanum, or Dittany of Crete, black Pepper, Olbanum, Bishops-weed, Ginger, Tamarisk, Indian spickard, Schenanth, Cyperus roots, A. ʒls. filings of steel (prepared with Vinegar and dried) ʒxx. let the Myrobals be rosted a little with fresh butter: the rest be powdered and moistned with Oyl of sweet Almonds: Lastly, add choise Musk ʒi. clarified honey the treble quantity, make an Electuary, S.A.

Salmon.) Tryphera vel Truphera à τρυφερός delicatus dicitur: of old it was taken for a gentle Caustick, which softly and without pain eats and Burns; but here it is another thing, Mesue was the Author, and he commends it to strengthen the Stomach, Liver, Reins and Bladder. It stops the Flux of the Terms the Hemorrhoids, and the Whites in Women; It gently evacuates and cleanses, is good against

Melancholy, crudity, the Green-sickness, Obstruction of the Spleen and Melancholy, and is happily given in burning Fevers. Dose à ʒls ad iij.

52 Tryphera Solitrova, Tryphera, or the delicate purging Electuary.

Colledge.) Take Diagrydium ʒx. the best Turbeth ʒls. Cardamoms the less, Cloves, Cinnamon, Mace, A. ʒiij. Yellow Sanders, Liquorice, sweet Fennel seeds, A. ʒls. Acorus, Schenanth, A. ʒj. preserved Citron peels, red Roses, A. ʒiij. Violets ʒij. Penids ʒiv. white sugar lbs. white honey (clarified in juce of Apples) lbj. powder the Sanders, then the Turbeth and Liquorice, then the Seeds, Barks and Flowers, lastly, the Penids: In the mean time melt the despumated honey and sugar together, add the powders, after the Diagrydium beaten (and mixed with part of the powder) and make an Electuary, S.A.

Salmon.) It is a delicate purge & of a pleasant taste, expelling Flegm, Choler and Watery Humors from the whole Body, and curing most Diseases thence proceeding. It is prevalent against the Scurvy, Dropsy, and Gout. Dose à ʒls ad iij. mixt with Syrup of Roses ʒjs. and Rhenish Wine, or Decoction of Epithymum.

III. Electuary, left out in their new Dispensatory.

53. Electuarium Eleoscopy, The Bishops Electuary.

College.) R. Diagrydium, Turbeth, A. ʒvj Cloves, Cinnamon, Gin-

Ginger, Embleck Myrobalans, Nutmegs, Polypody, A. ʒijss. sugar ʒvj. Clarified honey ʒx. make an Electuary according to Art.

Salmon.) Mesue saith, it purges Wind, Flegm and Choler from all parts of the Body, cleanses the Reins and Blader, is good against the Gout, Sciatica and pains of the Joynts, Dropsy and watery humors; Dose à ʒiij ad ʒvj in Rhenish Wine.

54. Achanasia Mithridatū, King Mithridate his Medicine to prolong life.

Colledge.) Take Cinnamon, Cassia Schenanth, ana ʒjss : Saffron, Myrrh, ana ʒj : Costus, spicknard, Acorus, Agarick scordium, Carrots, parslly, ana ʒss : white pepper gr. xj. Honey as much as is sufficient to make it into an Electuary according to Art.

Salmon.) It is an Antidote against Poyson, Plague, Pestilential and Malign Feavers, bitings of Venomous Beasts, strengthens the Stomach, warms it, stays Vomiting, is Pectoral, and opens Obstructions of Liver, and Spleen. Dose à ʒss ad ʒj.

55. Electuarium Scoræ ferri Rhasis, Electuary of flakes of Iron.

Colledge.) Take flakes of Iron (Seven days infused in Vinegar and aryed) ʒiij : Indian, spicknard, schenanth, Cyperus, Ginger, Pepper, Bishops weed, Frankincense, ana ʒss. Indian Bellerick, and Embleck Myrobalans, Honey (boyled with decoction of Emblecks) ana ʒxv. mix them together, and make an Electuary.

Salmon.) It strengthens the Stomach, opens the Spleen. softens it and purges Melancholy.

Dose ʒss or more in a morning fasting.

56. Confectio Humain Mesue, A Confect to preserve the Sight.

Colledge.) Take Eybright ʒj. Fennel seeds, ʒv. Cloves, Cinnamon, Cubebs long pepper, Mace, A. ʒj. beat all into powder, and with clarified Honey ʒij (in which boyl Juice of Fennel ʒj. Juice of Celandine and Rue, ana ʒss.) make an Electuary.

Salmon.) The intention is to strengthen the Brain, helps Dimness of Sight, and take away the oppression of the Optick nerves by which the Visive Spirits are conveyed. 'Twas very ill done of the Colledge, to leave out this Medicine out of their book, since it was the only preparation they had for the Eye-sight, unless they did it of purpose that people being blind, might not see the rest of their faults : Dose a ʒij. ad iv in a morning fasting.

57. Diasreos Salmoni, Electuary of Orrice Roots.

Colledge.) R Orrice roots ʒj. Penny Royal, Liquorice, Hyssop, ana ʒvi. Tragacanth, white starch, bitter Almonds, pine-nuts, Cinnamon, Ginger, pepper, ana ʒiij. Fat figs, pulp of Raisons and Dates, A. ʒiijss. Syrax Calamita ʒjss. sugar (dissolved in Hyssop water) and clarified honey, of each twice the weight of all the rest, mix, and make them into an Electuary according to Art.

Salmon.) It is Pectoral, good against Coughs Colds, Hoarseness, Asthma's, spitting of blood and matter, &c. You may take a ʒij ad vj 2 or 3 times a day.

58. Dia-

58. *Diasatyron*, Ele&uary of *Satyron* Roots.

Colledge.) \mathcal{R} Roots of *Satyron*, Garden parsnips, *Eringo*, Pine nuts, Indian nuts (or for want of them, double the quantity of Pine nuts) Pistack nuts. *A. Zils.* Cloves, *Ginger*, seeds of Anise, Rocket, ash-keys *A. Zv.* Cinnamon, the tails and loins of Skink, seeds of Onions, Nettles, *A. Zii*; fine Sugar (dissolved in Malago Wine) $\mathcal{H}iii$; mix them.

Salmon.) *Ipsestors* in Hesticks, Consumptions, is pectoral, and cures Phthificks, Coughs, Asthma's, obstructions of the Breast, excites Lust and provokes Urine. Dose *Ziv.*

59. *Antidotum Marthioli*, *Marthiolus* his great Antidote, or Counter-poyson.

Colledge.) Take *Rhubarb*, *Rhapontick*, roots of *Valerian*, of *Acorus* or *Calamus Aromaticus*, of *Cypress*. Sink-foil, of *Tormentil*, of round Birthwort, of male Peony, of *Elecampane*, of *Coslus*, of *Illirick Orrice*, of white Chamelion or *Avens* *A. Ziii*: Roots of *Galanga*, of *Master-wort*, of white Dittany, of *Angelica*, of Tarrow, of *Filipendula* or *Dropwort*, of *Zedoary*, of *Ginger*, *A. Zii*, of *Gentian*, of *Devils-bit*, leaves of *Rosemary* *A. Zils.* Berries of *Kermes*, seeds of Citrons, of *Agnus castus*, of Ash-tree, of Sorrel, of Cow-parsnips, of *Nawew*, of *Nigella* of male Peony, of *Bizil*, of Hedge-mustard, of Treacle Mustard, of Fennel, of Bishopes-weed *A. Zii*; Berries of Bay, of *Juniper*. of *Ioy*, *Sarsaparilla*, (or for want of it double weight of *Cubebs*) *Cubebs* *A. Zils* leaves of *Scordium*, *Germander*, *Gout Ivy*, Centory the less, *Strachas*, *Celtick Spickard*, *Ca-*

lamint, *Rue*, *Mint*, *Betony*, *Ver-vain*, *Scabius*, *Carduus*, *Bawm*, *A. Zi.* Dittany of *Creet* *Ziii*, *Marjoram*, *Hypericon*, *Schenanth*, *Horehound*, *Goats-rue*, *Savin*, *Burnet*, *A. Zii*, *Figs*, *Walnuts*, *Fistick-nuts* *A. Ziii*, *Embllick Myrobolans* $\mathcal{Z}ls$. Flowers of *Violets*, of *Borrage*, of *Bugloss*, of *Roses*, of *Lavender*, of *Sage*, of *Rosemary* *A. Div.* *Saffron* *Ziii*, *Cassia Lignea* $\mathcal{Z}x$, *Cloves*, *Nutmegs*, *Mace* *A. Zils*. *Pepper* black, long, *Sanders* the three sorts: *Xyloaloes* *A. Zils*; *Harts-horn* $\mathcal{Z}ls$. *Unicorns horn* (or instead thereof *Bezoar-stone*) $\mathcal{Z}i$; bone of a *Stags Heart*, *Ivory*, *Stags Pizzle*, *Castoreum*, *A. Div.* Earth of *Lemnos* *Ziii*, *Opium* $\mathcal{Z}ls$. *Oriental Pearls*; *Emeralds*, *Jacinths*, red *Coral*, *A. Zils*. *Camphir* *Zii*. *Gum Arabic*, *Mustick*, *Frankincense*, *Storax*, *Turpentine*, *Sagapenum*, *Opopanax*, *Laserpitium* (or *Myrrh*) *A. Zils*. *Musk*, *Ambergriſe* *A. Zi*, *Oyl of Vitriol* $\mathcal{Z}ls$. *Species cordiales temperate*, *Diamargariton*, *Diamoscha*, *Diambra*, *Electuarium de Gemmis*, *Troches of Camphir*, *Troches of Squills*, *A. Zils*. *Troches of Vipers* $\mathcal{Z}ii$, *Juycees of Sorrel*, *Sow-thistles*, *Scordium*, *Vipers*, *Bugloss*, *Borrage*, *Bawm*, *A. Hfs.* *Hypocists* $\mathcal{Z}ii$, *Venice Treacle* and *Mithridate* *A. Zvi*. fine Sugar or choice Honey $\mathcal{H}viii$ $\mathcal{Z}vi$, these being all chosen with Diligence and Art, let them be prepared and made into an Ele&uary, just as in *Venice Treacle* or *Mithridate*.

Salmon.) This one of the greatest *Galli-mausies* that ever I saw: but it was intended as an Antidote against *Plague*, *Poysoa*, pestilential and malignant Feavers, and has the Virtues and Dose of *Mithridate* and *Venice Treacle*, to which I refer you. If you

you will believe *Zwelfer* (otherwise you may count them your self and be satisfied) there is contained therein, or it is composed of 16 several great Compositions, and so consists of three hundred eighty eight several particulars; some of which are more than (*Crambo his costa*) twice, thrice, foure times, five times, six times, yea seven and eight times repeated, even to nauseating; if you consider how often the same Simples go into the Prescript, first by themselves, then in other Compositions; but we desire not to enlarge, you may see farther in *Zwelfers* Comment on the *Augustan Dispensatory*, Clas. 14. pag. 249.

60. *Requis Nicolai*, The Electuary causing rest or Sleep.

Colledge.) *Re* Red Roses exungulated, blew Violets, A. $\mathfrak{z}\text{ij}$. Thebian Opium (dissolved in Wine) seeds of white Henbane, of black and white Poppies, Roots of Mandrake, Seeds of Endive, of Purslane, of Lettice, of *Psyllium*, *Spodium*, *Tragacanth*, A. $\mathfrak{z}\text{ij}$. gr.v. Nutmegs, Cinnamon, Ginger, A. $\mathfrak{z}\text{ss}$. sanders all sorts, A. $\mathfrak{z}\text{ss}$. Sugar three times their weight dissolved in Rosewater; mix them together, and make an Electuary S.A.

Salmon.) It has the Virtues of *Laudanum Opium Quercetani*, lib. 1. cap. 8. sect. 50. §. 6. Dose $\mathfrak{z}\text{ij}$. ad $\mathfrak{z}\text{ss}$. or $\mathfrak{z}\text{ij}$. upon an extremity.

61. *Electuarium Regina Coloniensis*, The Queen of Colens Electuary.

Colledge.) *Re* seeds of saxifrage and Gromwel, juyce of Liquorice, A. $\mathfrak{z}\text{ss}$. seeds of Caraways, of Anise, of Parsly, of Fennel, of Macedonian

stone-parsly, of Broom, of Carrots, of *Bruscus*, of *Sparagus*, of Lovage, of Cummin, of Juniper, of Rue, of *Siler Montane*, of *Acorus*, Pennyroyal, Cink foil, Bay-berries, A. $\mathfrak{z}\text{ij}$. Indian spicknard, *Schœnanth*, Amber, *Valerian*, Hog-fennel, *Lapia Lynceis*, A. $\mathfrak{z}\text{ss}$. *Galanga*, Ginger, Turbitb, A. $\mathfrak{z}\text{ij}$. Sena $\mathfrak{z}\text{ij}$. Goats blood prepared $\mathfrak{z}\text{ss}$. mix them together; first beat them into powder, then make them into an Electuary S.A. with three times their weight of sugar dissolved in white Wine.

Salmon.) It opens Obstructions, expels Wind, gives ease in the Cholick, provokes Urine, and the Terms, breaks and expels the Stone, for which it is an excellent thing. Dose $\mathfrak{z}\text{ij}$ ad $\mathfrak{z}\text{ij}$. in Rhenish Wine, sweetned with *syrupus de Althæa*.

IV. Electuaries added by the Author.

62. *Theriaca Londinensis Salmoniana*, The new London Treacle

1. Take Opium extracted with spirit of wine, and inspissated $\mathfrak{z}\text{iv}$. juyce of Henbane inspissated $\mathfrak{z}\text{ij}$. dissolve them in spirit of Vinigar and inspissate; them dissolve again in Oyl of Tartar per deliquium $\mathfrak{z}\text{viij}$. and inspissate to the consistency of Honey. 2. Take Spanish juyce of Liquorice, juyce of *Alkermes*, solid extracts of *Elecampane*, *Gentian*, Bay-berries, and Zedoary, A. $\mathfrak{z}\text{ij}$. dissolve them in so much S.V. as may make them of the thickness of Honey. 3. Take white Poppy-seed, contrayerwa, Virginian snake-root, Indian spicknard, Myrrh, Ginger, sal Armoniack,

noniack, Pearl Cochineal, red coral, Bezoar Stone, A. Zij. Musk and Ambergrise, A. Zij. make them all into a fine impalpable powder (either together or apart as their several natures require) levigating the Pearl, Coral and Bezoar, and sear-fing the rest, which, mix with Bezoar minerale, Bezoar solare, Bezoar animale (in lib. 2. cap. 5. sect. 23. §. 6.) A. Zij. anodyne Sulphur of Vitriol Ziv. 4. Take Chymical Oyls of Anise, fassafraas, Carawayes, Juniper, Rhodium, Cloves, Rosemary, Amber, Cinnamon, Roses, A. Zij. in which dissolve Camphir Zij. then mix therewith Oyl of Nutmegs by expression, Balm of Gilead, Essence of Vipers A. Zij (in lib. 2. cap. 5. sect. 24. §. 11.) 5. R. clarified Honey ℥xij. put to it the dissolved Opium, &c. then the dissolved extracts mixing them well; after sprinkle in the ponders, stirring them exquisitely: lastly, adding the Chymical Oyls, and stirring them all together over a gentle heat, till all be perfectly mixed, compleat the Electuary, S. A.

This is the great Secret with which we cured several hundreds of the Plague in the last great Visitation in London, Anno 1665. and to the best of our remembrance not one person died thereof to whom we gave it: several persons are now living who had Plague spots came out upon them, others being at the same time dead in the room; and one Will. Tayler (who can yet testify it) expected to be the next after his mother and two sisters which lay dead by him of the Plague, being full of spots, like to them upon the dead persons, yet upon the taking hereof recovered, and

bore the spots upon him for near six months after, to the view of several people, which as a sufficient testimony of the worth of this Medicament, we could not but communicate to the world. It is an Antidote against all manner of Poyson and infectious Diseases, destroys the very essence of Venoms, gives rest and ease, and takes away all manner of pain in any part of the Body. Therefore in Head-achs, Megrims, Vertigo's, Falling-sickness, Convulsions, Palsies, Gout, Sciatica's, Pleurifies, Obstructions of the Spleen, Cholick, Wind, the Whites, and over-flowing of the Terms in Women, in all Loosnesses, or Fluxes, as the Dysenteria, Lienteria, Hoemorrhoidal purgation, in all malign Feavers, as the Meazels, small Pox, and spotted Feavers, as also in Coughs, Colds, Astma's, spitting of blood or matter, obstructions of the Lungs and inward bruises we commend it as a Jewel. It revives the Spirits, cheers the Heart, recreates the natural powers, and restores in Consumptions. Dose for prevention ℥j in a glass of Rhenish Wine or Sack in a morning fasting: but for Cure ʒls or more, the Patient being in their naked bed, and sweating upon it, giving between whiles a little of the *Confectio Alkermes* of our prescription; at sect 2. aforegoing.

63. *Electuarium Orvitanum* An Italian Confect against the Plague. R. Roots of Carline or White Chamelion, Tormencil, Pissolochia, round Birthwort, Spanish Scorpionerd, Calamus Aromaticus, Angelica, Ma

berwort, Anthora, wormseed, leaves of Santonium, white Dittany, fine Bole, sealed Earth, A. ʒj. Old Venice Treacle ʒiii. Honey three times the weight of all, make an Electuary.

Salmon.) It is an Antidote against the Plague and infectious Diseases, and almost of the same Virtues with Mithridate: Dose à ʒii. ad ʒiv.

64. Electuarium Nucum, Electuary of Nuts.

ʒ Walnuts N°. xx. Figs N°. xv. Rue ʒj. Salt ʒss. Honey ʒii. mix and make an Electuary.

Salmon.) It is designed as an Antidote against Poyson and Plague. Dose à ʒi. ad ʒii.

65. Electuarium Croci, Electuary of Saffron, from Schroder.

ʒ Saffron ʒj. Zedoary, Tormencil, Nux Vomica, A. ʒii. Camphir ʒj. Rocket seed, white Dittany, Angelica Roots, A. ʒii. Butter-bur roots ʒiii. Old Venice Treacle ʒvj. Mithridate ʒvj. mix and make an Electuary.

Salmon.) It has all the Virtues of Mithridate and Venice Treacle, and the same Dose.

66. Electuarium sudorificum Plateri, Platerus his sweating Electuary.

ʒ Syrup of Poppies ʒvj. Rob of Elder and dwarf Elder, A. ʒj. Spirit of Juniper ʒvj. Mix.

Salmon.) It provokes sweat, eases pain, causes rest and is good against the Dropfic and Stone.

67. Electuarium Regale, A Royal Electuary, or that for Kings.

ʒ Pine nuts ʒiss. red Roses ʒii. sweet Almonds ʒss. yellow Sanders ʒii. Ambergrise ʒss. Musk gr. iii. Sugar (dissolved in Rose-water) ʒbj. make an Electuary,

Salmon.) It strengthens Nature, fortifies the whole Body, restores in Consumptions, and is a good Pectoral. Dose à ʒii. ad ʒss. It is of a cooling and drying nature.

68. Electuarium Chalybis Arcularij, Electuary of Steel.

ʒ Steel prepared ʒiii. clarified juyc of sweet-scented Apples q.s. digest 24 hours, and decant, add fresh juyc three times, then mix, and infuse to an Electuary.

Salmon.) It provokes the Terms, and cures the Green-sickness: Dose à ʒii. ad ʒiv.

69. Electuarium Calybiatum Augensi, Augenius his Electuary of Steel.

ʒ Pepper, Ginger, A. ʒss. cardamoms, cloves, Angelica, Saffron, A. ʒii. Tamarisk ʒss. seeds of Bazele and Anise A. ʒss. flings of Steel prepared ʒss. clarified Honey ʒiii. make an Electuary.

Salmon.) It has the Virtues of the former, but much more powerful: and expels wind.

70. Electuarium Camphoratum Kegleri, A Camphorated Electuary.

ʒ Roots of white Dittany, Tormencil, Ginger, Zedoary, Nux Vomica, bone of a Stags heart, A. ʒii. prepared Pearl ʒiv. Crabs Eys ʒj. Camphir ʒviii. Sugar Candy ʒxvj. Venice Treacle ʒxxxii. white Sugar (dissolved in Sorrel water) ʒixx mix and make an Electuary.

Salmon.) It is a great Sudorific, and an Antidote against Poyson and Plague. Dose ʒii.

71. Hiera Composita Nicolai, A Compound Hiera.

ʒ Cinnamon, Indian Spicknard, Saffron, Schenanth, Alarabacc, Xylorassia, Cinnamon, Xylorassia

mum or wood of Aloes, Carpobalsamum or Cubebs, Violets, Wormwood, Epithymum, Agarick, Roses, Turbith, Colocynthis, Mastich, A. ℥iv. Aloes not washed, the quantity of all the rest (viz. ℥xxj, ℥i.) clarified Honey ℔iiss. mix, and make an Electuary.

Salmon.) This is commonly given in Clysters; but 'tis as excellent a thing as the other to be given by the mouth; it purges thick and cold Flegm, which adheres to the Ventricle and Bowels, opens the Obstructions of the Liver, and softens the Spleen: It cleanses the Reins, Bladder and Womb. and cures most Diseases of the Head, Eyes and Ears proceeding from Flegm: Dose à ℥ii, ad ℥iss. in Rhenish Wine.

72. Electuarium Allij, Electuary of Garlick.

Take Cloves of Garlick N^o iv. beat and fry them with Honey and Mithridate, A. ℥iiss; add spermaceti, Juniper berries A. ℥j. Castor ℥ii. Powder of Pellitory of Spain ℥j. with Oxy-mel of Squills make an Electuary.

Salmon.) It is a good Pectoral, helps Coughs, Colds, Obstructions of the Lungs, and the Cholick.

73. Diatesna Nicolai, Electuary of Sena.

℞ Sena ℥iij. Haste nuts torried N^o 50. Silk torried ℥ii. Lapis Armenius washed ℥j. Lapis Lazuli washed ℥iij. sugar ℥vj. Cinnamon ℥j. Cloves, Galanga, Pepper, Indian Spicknard, seeds of Bazil, Indian Leaf, or Mace, Cardamoms, Saffron, Ginger, Zedoary, Rosemary-flowers, long Pepper, A. ℥ii. clarified Honey ℔ii. mix, and make an Electuary.

Salmon.) It is good against melancholy, madneis, and discontent of mind; affects of the Spleen, Boyls, Scabs, Elephantiasis, &c. Dose ab ℥ss. ad ℥i. or more according to strength.

74. Eleſtuarium Cordiale, A Cordial Electuary.

℞ Conſerves of Roses ℥viii, of Borrage, of Bugloſs A. ℥iij. of Violets ℥ii. of water Lillies ℥iiss. Conſectio Alhermes ℥iss. pulp of candied Citrons ℥iv. Citron flowers candied ℥ii. Diaryodon ℥ii. prepared Pearl ℥ii. Coral red and white prepared A. ℥iij. Xylolaeos ℥iv. Ambergrise gr. vi. leaves of Gold N^o x. with Syrap of juyce of Citrons make an Electuary.

Salmon.) It strengthens the Heart and Vital Spirits, and restores in Consumptions. Dose ℥iij.

75. Electuarium Hysterick nostrum, Our Hysterick Electuary.

Take Galbanum, Assa fetida, Amoniacum, A. ℥ii. Opum (prepared with Vinegar) Ginger, Saffron, Oyl of Amber, salt of Tartar (dissolved in ℥j. of water) A. ℥j. Honey ℥xii. dissolve the Gums in Vinegar, then mix the rest, and make an Electuary S. A.

In Hypochondriack Melancholy, suffocation of the Womb, Stoppage of the Terms, Apoplexy, Epilepsie, Green-sickness, and many other the like effects. It is a very excellent thing. Dose ℥j.

76. Hiera Magistralis Pacchii, The Magistral Hiera of Pacchius.

℞ Pulp of Coloquintida ℥j. Agarick, black Hellebor A. ℥ss. Aloes ℥x. Diagyrdium, Polypodium, Mastich, Opopanax, Bdellium, Sagapenum. A. ℥ii. Roots of Elecampant, Cypress, Angelica, Cloves, Cinnamon, Mace, Bay-berryis, Juniper-berryis,

Cardamoms, Marjoram, Stechas, Saffron, Indian Spicknard, *A. ʒi.* Roses *ʒiii.* clarified Honey *ʒiiss.* mix, and make an Electuary according to Art.

Salmon.) It is of great force in curing Diseases of the Head, Stomach, Bowels and Joynts: It expels cold and moist Flegm, and Melancholy from all parts, is powerful against the Apoplexy, Epilepsy, Lethargy, Palsy, Night-mare, Hypochondriack Melancholy, diseases of the Lungs, as the Asthma, Obstructions, &c. Dose *ʒiii.*

77. *Electuarium scorbuticum*, An Electuary against the Scurvy.

ʒ. Conserve of Scurvy-grass *ʒv.* of Germander, Bawm, Roses, Citrons, *A. ʒiss.* Calamus Aromaticus, candied Ginger, roots of Burnet, Citron peels candied, *A. ʒvj.* Extract of Wormwood, Juniper, Mustard-seed, Rocket-seed, *A. ʒiss.* Cardamoms, Cinnamon, *A. ʒii.* Tartar vitriolated *ʒiii.* Oyl of Aniseeds *ʒii.* of Cinnamon *ʒi.* with Spirit of Cinnamon and Scurvy-grass make an Electuary.

Salmon.) It is said to cure the Scurvy: It opens Obstructions of the Liver, Spleen and Mesentery, strengthens the Spleen, and resists Melancholy: it discusses Wind, and gives ease in the Cholick: Dose *ʒii.* or *ʒiii.* in a morning fasting.

78. *Electuarium Alexandrinum*, The Electuary of Alexander Petronius.

Take fresh Polypody roots, *Sena A. ʒiii.* Aniseeds *ʒii.* Coriander seeds *ʒii.* make a decoction in water to *ʒi.* plus minus; strain, gently pressing it, to which add the pulp of Cubebs (first boyled in Malago wine; and forced through a sieve) *ʒiss.*

white sugar *ʒii.* boyl them again to the consistency of an Electuary.

Salmon.) It is good in Feavers; and expels Choler and Melancholy, you may give it safely to Children and Women with Child. Dose ab *ʒss.* ad *ʒj.*

79. *Electuarium ex fructibus Ebuli*, An Electuary of Dwarf Elder-berries.

Take of the Berries full ripe *ʒii.* Agarick *ʒiss.* Malago Wine gal. ii. bruise the berries with your hands, and mix them with the Agarick and Wine; boyl them gently in a glazed pot for about 24 hours, viz. to the consumption of the Wine, then pulp through a sieve, adding to every ounce thereof Syrup of the juyce of Citrons, fine sugar, *A. ʒj.* and to every pound thereof Lapis Armenius black Hellebor, *A. ʒii.* mix them.

Salmon.) This was invented by Hercules Sazonia for the Cure of the French Pox, for which 'tis very good. It wonderfully expels Melancholy, purges Flegm and watery Humors, opens the Spleen, and cures the Dropsies. Dose *ʒj.* or *ʒiss.*

80. *Electuarium Arthriticum Clossæi*, Clossæus his Gout Electuary.

Take Rosin of Scamony, Jalap. *A. ʒj.* Hermodactils *ʒvj.* Sagapenum *ʒiss.* seeds of Anise, Fennel, Caraway, Gromwel, Cloves, Mace, Ginger, Costus, Mastich, *A. ʒss.* melt the Sagapenum in Vinegar of Squills, strain; and add the powders mentioned, mix them in a stone Mortar with sugar and water of ground Pine by degrees: adding Oyl of Aniseeds gut. x.

Salmon.) It is good against the Gout, Scurvy and Dropsie. Dose a *ʒii.* ad *ʒss.*

81. *Electuarium Antepilepticum*, An Electuary against the Falling ticknels.

Take Mans skull $\mathfrak{z}\text{ij}$. Peony seeds $\mathfrak{z}\text{iss}$. Mistecoe of the Oak, Brains of a Weazel, $A. \mathfrak{z}\text{ij}$. Renner of a Hare or Kid, $\mathfrak{z}\text{ss}$. Cardamoms, Pepper, $A. \mathfrak{z}\text{ij}$. Honey $q. s.$ mix them.

Salmon.) It was invented by Hercules Saxonia for the Epilepsie, for which it is a good one: It is good also against most cold and moist Diseases of the Head. Dose $\mathfrak{z}\text{iss}$.

82. *Electuarium Hystericum* Schroderi, Schroders Electuary for the Womb.

Take fragments of Sapphyrs, Hyacinths, Topas, Emeralds, $A. \mathfrak{z}\text{ij}$. Coral white and red, Pearl prepared $\mathfrak{z}\text{iv}$. Galanga, Rhubarb $A. \mathfrak{z}\text{iiij}$; Gum Arabick, Opopanax, Galbanum, Frankincense, Mastick, $A. \mathfrak{z}\text{ii}$. Edellium, Sarcocol, $A. \mathfrak{z}\text{ii}$. Euphorbium, $\mathfrak{z}\text{ss}$. Camphir, $\mathfrak{z}\text{iss}$. seeds of Coriander, Fennel and Cardamoms, Salt, Opium, $A. \mathfrak{z}\text{ss}$. Cinnamon $\mathfrak{z}\text{ii}$. Spirit of Turpentine $\mathfrak{z}\text{ij}$. clarified Honey lbss . Spirit of Wine and Imperial Water, ana $q. s.$ make an Electuary.

Salmon.) It cures fits of the Mother, Head-ach, Megrims, Convulsions and Palsies from cold causes, expels Wind and helps the Cholick. Dose $gr. \text{iv}$. drinking a little Wine after it, and often washing the mouth with Oxycrate, to prevent the heat of the Throat from the Euphorbium.

83. *Electuarium Nephriticum*, An Electuary against the Stone.

Take Winter Cherries, Ginger, Pepper $A. \mathfrak{z}\text{ij}$. Salt of Tartar, Oyl of Juniper-berries, $A. \mathfrak{z}\text{ss}$. clarified Honey $\mathfrak{z}\text{iv}$. mix, and make an Ele-

ctuary, adding Pulp of Cassia new drawn $\mathfrak{z}\text{vj}$.

Salmon.) It is a singular good thing against the Stone in the Reins or Bladder: it expels Wind, gives ease in the Cholick, is excellent against a violent Gonorrhoea, the Dropsie and Jaundice, and cleanses the Reins. Dose $\mathfrak{z}\text{iss}$, ad ij . at night.

84. *Electuarium Alexipharmicum*, An Electuary resisting Poyson.

Take Roots of Dittany, of Cyprus, Cloves, $A. \mathfrak{z}\text{iss}$. Asarum $\mathfrak{z}\text{vj}$. Orrise $\mathfrak{z}\text{iiij}$. Rue, Roses, $A. \mathfrak{z}\text{iss}$. Dittany of Crete $\mathfrak{z}\text{iiij}$. Indian Spicknard, Mastick $A. \mathfrak{z}\text{iss}$. Cinnamon, Saffron $A. \mathfrak{z}\text{ss}$. Berries of Bay and Juniper, Bole Armoniack prepared, Species Liberrantis, $A. \mathfrak{z}\text{vj}$; Agarick, Myrrh, $A. \mathfrak{z}\text{ii}$; poulder and seirce them: then take walnuts $\mathfrak{z}\text{iiij}$. Figs $\mathfrak{z}\text{ix}$. beat them well with a little wine, and pulp them through a sieve, adding sugar lbss , $\mathfrak{z}\text{ix}$. dissolved in a little water over the fire; Honey lbss . boyl to the consumption of the water; after put in Venice Treacle $\mathfrak{z}\text{ix}$; conserve of red Roses, lbss . juyce of Wormwood inspissate $\mathfrak{z}\text{iiij}$; mix with a wooden spacula, then take them from the fire, sprinkle in the poulders and stir till they are cold; at last add Ambergrise $\mathfrak{z}\text{ij}$. Musk $\mathfrak{z}\text{ij}$. and make an Electuary $S. A.$

Salmon.) It is intended against the Plague and all malign Diseases; it defends the Heart against Poyson, or the biting of any venomous Creature. Dose $\mathfrak{z}\text{iss}$, ad $\mathfrak{z}\text{iiij}$.

85. *Electuarium pro Morbo Gallico*, An Electuary against the French Pox.

\mathfrak{R} Scamony $\mathfrak{z}\text{ii}$. Cambogia, Mer-

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curius vitæ, A. ʒj. Oyl of Sassafras ʒx. Honey ʒix. mix and make an Electuary, adding white precipitate ʒiſs.

Salmon.) It is a powerful thing against the Pox, Scurvy, Gout, Dropſie, old Head-achs, Rheumatifms, Kings-Evil, intermitting Feavers, and other contumacious Diseases: Dose à ʒj. ad ʒſs. or ʒij. to Children gr. xij. giving Broth well seasoned with Salt after it.

86. *Electuarium Ciconia Crollij*, Croll us his Electuary of a Stork.

Take water of a Storks blood, Caput mortuum of the same blood, in powder; Salt of the Ventricle of a Stork burne to ashes, to which add white Amber ʒj. red Coral, Grape Stones, Essence of Mummy, roots of Anthora, A. ʒſs. Oriental Bezoar ʒij. Treacle ʒſs. mix all with Oyl of Pine Kernels by expression, letting it be two or three Inches above, digest all in the Sun (or in a sand heat) the Glas being close stopp'd; the longer you keep it, the better it is.

Salmon.) Here is to be noted, that some Authors (as Schroder) think, that the skin of the Stomach being poudred is better then the Salt: It is reported to be a very effectual remedy against all manner of Poyson, Mineral, Vegetable, or Animal, and to give relief in the greatest Agonies, expelling the same by Vomit, Stool, and Sweat. Dose ʒſs. in Wine, Milk, or Broth.

87. *Confectio Opiata Mynsichti*, A Confect of Opium.

Re Extract of Opium spagirically prepared ʒſs. Diamoschu dulce, Diambra, A. ʒj. Magisteries of Pearl and Coral, A. ʒſs. Extracts of corn-

Poppy-flowers and Saffron, A. ʒj. Gallia moschata, Oriental Bezoar Bone of a Stags heart, Unicorns-horn, A. ʒſs. with Confectio Alkermes make an Electuary, to which add Chymical Oyls of Cinnamon, Nutmegs, Marjoram, Sage, white Amber cloves, A. gut. iv.

Salmon.) It is a great Antidote against Plague and Poyson, and has all the Virtues of Laudanum. Dose à gr. v ad vij cr x.

88. *Zinziber Rosatum Mynsichti*, Ginger Rosare.

Take Conserve of red Roses vitriolated ʒxij. green Ginger preserved ʒiv. Oyl of Cinnamon ʒj. of Cloves ʒſs. mix, and with Syrup of Violets vitriolated make an Electuary.

Salmon.) It comforts the Heart and Stomach, strengthens digestion, excites appetite, takes away loathing, and stops Vomiting, recreates the spirits, resists putrefaction, expels wind, helps the Cholicke, and is a most famous and present remedy against all cold Diseases in the Head, Stomach, or Womb. Dose ʒij or iij.

89. *Electuarium specificum Crollij*, A Specifick Electuary.

Re spirits of Vitriol, of Venus and of Salt, Magistery of Mans skull, Antimony Diaphoretick, Tincture of Crocus Martis, Extract of Celandine and Rhubarb, A. ʒſs. salt of Pearl and Coral, Lac sulphuris, Tartar vitriolate or the Magistery, Liquor of Christal, Stone taken away from a man, A. ʒj. Extract of burnt Ivory ʒſs. Oyl of Amber (three or four times rectified with Marjoram water) Tincture of Saffron, Grains of Kermes, A. ʒij. Musk and Ambergrise, A. ʒj. Oyls of Cinnamon

and Ma:re, A. ʒss. with the Essence of Treacle drawn and inspissated with Honey of Juniper, Conserve of Roses and Sugar of Roses, make an Electuary.

Salmon.) This is Crollius his Specifick Electuary strengthening all the seven principal parts: It restores in Consumptions, cheers the Heart, revives the Spirits, cures Epilepsies, Apoplexies, Convulsions, Palsies, fits of the Mother. Dose ʒ gr. vj ad xx.

90. *Electuarium Antimoniale* Crollij, The Antimonial Electuary.

Take Glas of Antimony (corrected with Vinegar, in lib. 3. cap. 8. sect. 54) Venice Treacle, A. ʒij. Nutmegs, Mastic, Orange Peels, red Coral prepared, A. ʒij. Cloves, Fennel-seed, Coriander seed, A. ʒij. powder them, and make either an Electuary or Pills with Marmalade of Quinces.

Salmon.) It has all the Virtues of Glas of Antimony, yet purges with less violence, and chiefly downwards. Dose to a strong Body is 2 Pills as big as a Pease; to a weak but one.

91. *Electuarium de Nitro Myrsin* betij, Electuary of Sal Niter.

Re Roots of Eriog prepared ʒij. Lichontrichon ʒij. Manus Christi simplex ʒss. Niter prepared with Spirit of Vitriol, Salt of Wormwood, A. ʒvi. Oyls of white Amber rectified, and Aniseeds, A. ʒss. mix, and with syrup of green-Ginger, q. s. make an Electuary.

Salmon.) It very effectually breaks the stone in the Reins and Bladder and expels it by Urine: It gives ease in the Cholick, suffocation of the Womb; obstruction of the Liver and Spleen, and difficulty of the Stomach: In all

Feavers it is a Secret. Dose ʒ ʒij. ad ʒij or iij morning, noon, and night, a prety while after eating.

92. *Catharticum Regale*, Our purging Confect for Kings.

Re Rosin of Scamony (poudered with a few drops of Oyl of sweet Almonds) ʒi, Confectio Alkermes (of our prescription ʒijss. green Ginger preserved, ʒss. Crystals of Tartar ʒij. Ambergrise ʒss. Oyl of Cinnamon, Sal Prunelle, A. ʒij. mix and make an Electuary.

It is an excellent Cathartick in all cold Affects, pleasant, and dedicated to Kings and Great men. It thoroughly purges the whole Body without hurting of it, recreates the Animal faculty, sharpens the Appetite, strengthens all the principal Members, purifies the Blood, takes away the stink of the Mouth and Nose; discusses wind, gives wonderful ease in the Cholick, is excellent against all hot, cholerick and malign Feavers, expelling Choler and Flegm without molestation, as also all Tartarous humors from the Reins, Bladder and Joynts; it warms and purges the Liver, stays Vomiting, and is prevalent against the Dropisie and Green-sickness: If you add to the Confect powder of Hermodacts cleaned, Turbith white and gummy, A. ʒij. and double the proportion of the Alkermes, you have a very absolute thing against the Gour, and all Arthritick defluxions. Dose ʒ ʒij ad ʒij or more.

93. *Catharticum ex Esula*, The Cathartick of Esula.

Take Venice Treacle ʒij. Roots of Esula the less prepared, ʒij. white

Hellebor

Hellebor prepared, Salt of Vitriol, Mercurius vitæ, A. ʒij. Cloves, Nutmegs, Cinnamon, A. ʒij. with Syrup of Liquorice make an Electuary.

Salmon.) It cures Feavers, the Plague, Diseases of the Head, Cachochymia, Dropſie, old ſtinking Ulcers, the French Pox, Leproſie, and Quartans, in which it is a ſecret; for it leaves nothing of impurity in the Body. Dose à ʒj. ad ʒiſs. or ij.

94. *Diaturbith Minerale Mynſichti, Electuary of Turbith Mineral.*

R. Mithridate ʒij. Turbith minerale verum, ſpecies Diarrhodon abbatii, A. ʒiſs. rectified ſpirit of Vitriol, Oleum carminativum, A. ʒj. mix, and with ſyrup of Jujubes make an Electuary.

Salmon.) In all deſperate Diſeaſes, as the French Pox, Gout, Dropſie, yellow Jaundice, Plague, Feavers, old Ulcers, Fiſtula's, &c. it is an excellent Cathartick. Dose à ʒi. ad ʒiſs. drinking after it a little Rheniſh Wine.

95. *Diassarum Fernelij, Electuary of Aſarabacca roots.*

Take Syrup of Mint, Violets; A. ʒviii. boyl them to the thickneſs of Honey, and take them from the fire; after add ſeeds of Radish and Nettles powdered, A. ʒiſs. roots of Aſarum powdered, A. ʒij. Cinnamon, Fennel ſeeds, A. ʒiij. make an Electuary.

Salmon.) It purges all ſorts of humors from the Stomach and parts adjacent by Vomit, with much gentleneſs, ſo that both aged people, and Women with Child may take it. Dose à ʒij. ad iv. or ſomething more in Mead.

96. *Electuarium Pseudacori; Electuary of Baſtard Acorus.*

R. Roots of Pſeudacorus cleaned from the bark ʒij. cut and ſtamp them, infuſe in red Wine three or four days, after boyl to the Conſumption of the Wine till the Roots be ſoft, and adding clarified Honey ʒij. or ʒiſs. boyl them again for a while: then put ſliced Ginger ʒiij. or iv. mix with a gentle fire to a conſiſtency: Laſtly take it off and add powder of Cinnamon ʒiv. Galanga, Nutmegs, Mace, Cubebs, Cardamoms, A. ʒiſs. Grains, long Pepper, A. ʒj. make an Electuary.

Salmon.) It is good againſt Catarrhs, drys up Rhumes, and ſtrengthens a cold Head and Stomach. Dose the quantity of a Cheſtnut Morning and Evening.

97. *Electuarium Peſtorale, An Electuary for the Lungs.*

Take old conſerves of Ryſes ʒij. ſweet Almonds, Pine nuts, Piſtach nuts, Loboch of Fox Lungs, of Poppies, of Pine Kernels, A. ʒiſs. Diatrachanthum frigidum ʒiſs, Maſtick, Terra ſigillata, ſine Bole, Diapenidies, Fox Lungs dried, A. ʒiſs. the four greater cold ſeeds blanched, Lettice ſeeds, Quince ſeeds, Gum Arabick, Search, white Poppy and Purſlane ſeed, burnt Cray fiſh, Troches of Amber, Tragacanth, A. ʒj. with Syrup of Poppies and Liquorice make an Electuary.

Salmon.) It drys up Catarrhs, opens the Lungs, helps ſpitting of Blood and Phthiſicks, ſtops coughing, abates the ſharpeſs of humors and cures Conſumptions.

98. *Philonium Tarſence Galeni, ʒi ʒi ʒi ʒi, A Tarſenſian Confect*

fect easing pain, from Galen.

Take Saffron $\mathfrak{z}\text{v}$. Pyrethrum, Euphorbium, Indian Spicknard, ana $\mathfrak{z}\text{j}$. White pepper, Henbane seeds, ana $\mathfrak{z}\text{xx}$. Opium $\mathfrak{z}\text{x}$. Honey the triple weight of all: mix them S.A.

Salmon.) It is a most excellent thing to ease all manner of intolerable pains in any part, as of the Stomach, Colon, Hypochondries, Liver, Spleen, Reins, Womb, Joynts, &c. It helps suffocations, fits, and sharpness of Urine, having all the Virtues of other Compositions of this name. Dose $\mathfrak{a}\mathfrak{j}$. ad $\mathfrak{z}\text{ls}$.

90. Electuarium de Tamarindus, Horstij. Electuary of Tamarinds.

Take Sena $\mathfrak{z}\text{v}$. Cinnamon $\mathfrak{z}\text{vi}$. Fennel seeds $\mathfrak{z}\text{j}$. Canary $\mathfrak{lb}\text{ij}$. boyl them a little, then digest them in a warm place for two days, in a close Vessel: then strain, and extract with it the pulp of Currans and Raisons, $\mathfrak{A}\mathfrak{z}\text{iv}$ \mathfrak{ls} . to the Mass extracted add the pulp of Tamarinds, Diaprunum Lentive, $\mathfrak{A}\mathfrak{z}\text{iii}$. Cream of Tartar $\mathfrak{z}\text{ij}$. Oyl of Nutmegs Chymical $\mathfrak{z}\text{j}$. Oyl of Aniseeds $\mathfrak{z}\text{ls}$. make an Electuary.

Salmon.) It evacuates watery and Cholerick humors, and is very profitable against Dropsies and Feavers. Dose $\mathfrak{z}\text{j}$.

100. Antidotus Cephalica, An Antidote to strengthen the Head.

Take Zwelfers Antiepileptick Extract (ac se 7. 20. cap. 8. foregoing) $\mathfrak{z}\text{ij}$. Magistery of Mans Skull $\mathfrak{z}\text{ls}$. Salt of Mans Skull $\mathfrak{z}\text{ij}$. Essence of Castor $\mathfrak{z}\text{ij}$. Species Diambrae, Diamoschu dulce, $\mathfrak{A}\mathfrak{z}\text{j}$. Chymical Oyls of Cloves and of Nutmegs, $\mathfrak{A}\mathfrak{g}\text{ut. x}$. Syrup of Conserved Citrons enough to make up the mass.

Salmon.) It is powerful against all affects of the Brain, as Apoplexies, Epilepsies, Palsies, Vertigoes, Megrims, Vapours, Stupidity, loss of Memory, &c. It sharpens the Sight, quickens the Hearing, strengthens the Brain, expels Wind, and cures Fits of the Mother. Dose $\mathfrak{z}\text{j}$.

101. Antidotus Baccarum Juniperi, An Antidote of Juniper-Berries.

Take pulp of Juniper Berries (extracted with Hydromel) $\mathfrak{lb}\text{j}$. pouders of Angelica Roots $\mathfrak{z}\text{v}$. Dittany, Cinnamon, $\mathfrak{A}\mathfrak{z}\text{ls}$. Terra sigillata, Coral prepared, Pearls prepared, Haris-born prepared, $\mathfrak{A}\mathfrak{z}\text{ij}$. Species Electuarij de Gemmis, Diambrae, $\mathfrak{A}\mathfrak{z}\text{ls}$. Saffron $\mathfrak{z}\text{i}$. Camphir $\mathfrak{z}\text{il}$. mix and make an Electuary.

Salmon.) It both preserves from and cures the Plague. Dose $\mathfrak{a}\mathfrak{j}$.

102. Antidotus pestilentialis Specifica Sala, A specifick Antidote against the Plague.

Take Magistery of Coral Vitriolated $\mathfrak{z}\text{ls}$. Essence of Opium (extracted with Juice of Citrons) $\mathfrak{z}\text{j}$. Saffron, Roots of Carline thistle, Angelica, Swallow-wort, Doronicum, Dittany, Butterbur, Tormentil, Zedoary, seeds of Citrons husked, $\mathfrak{A}\mathfrak{z}\text{vi}$. the best Benjamin, Storax Calamita, $\mathfrak{A}\mathfrak{z}\text{ls}$. clarified Honey $\mathfrak{lb}\text{ij}$. Mallago Wine $\mathfrak{lb}\text{j}$. Digest the pouders in the Wine for four days in a glass close stopped, then mix the honey after the Opium, being well incorporated, remove it from the fire, and when it is almost cold add the Magistery of Coral, the saffron, and the Gums, which put

into a large earthen Vessel capacious for fermentation, where daily stir all together till the fermentation ceases.

Salmon.) It is an excellent Antidote against the Plague, if every Morning you take the quantity of a Bean of it fasting: it comforts the Heart, and resists all manner of Poyson. It will keep good many years.

103. *Thersaca Pauperum Sala*, An Antidote for the Poor.

Take leaves of *Pauls Betony*, *Scordium*, *Cardus* dried, A. $\mathfrak{z}\text{ij}$. *fæcula* of *Aron Roots*, flowers of *Sulphur*, A. $\mathfrak{z}\text{ij}$. Roots of *Masterwort*, *Elecampane*, *Zedoary*, *Swallow-wort*, *Carline*, *Valerian*, choise *Myrrh*, A. $\mathfrak{z}\text{vi}$. Oyl of *Vitriol* $\mathfrak{z}\text{ij}$. Clarified Honey lbij . Honey of *Juniper-berries* lbss . mix them.

Salmon.) It is an excellent Antidote against the Plague, and consumes all cold and moist superfluities of the Ventricle. Dose $\mathfrak{a}\ \mathfrak{z}\text{i}$. ad $\mathfrak{z}\text{i}$.

104. *Laudanum Vitrioli*, The *Vitriolick Laudanum*.

Be *Anodyn Sulphur* of *Vitriol* $\mathfrak{z}\text{ii}$. *Magistery* of *Pearls* $\mathfrak{z}\text{ss}$. Extract of the *Wood of Aloes* and of *Saffron*, A. $\mathfrak{z}\text{i}$. *Oriental Bezoar*, *Unicorns horn*, A. gr. xv. Oyls of *Cloves* and *Cinnamon*, A. $\mathfrak{z}\text{ss}$. mix and with syrup of *Corn poppy flowers*, make an *Electuary*.

Salmon.) It is a powerful *Anodyn*, stops all *Catarrhs*, *Coughs*,

Fluxes, &c. and has the *Virtues* of any other *Laudanum*. Dole $\mathfrak{a}\ \text{gr.}\ \text{vj}$. ad $\mathfrak{z}\text{ss}$.

105. *Of making Bolus's*.

They are never kept in shops, but made for present use of *Robs*, *Electuaries*, *Conserve*s, *Pouder*s, &c. all which ought to be pleasant to the *Pallat*, as
1. Take *Rosin* of *Jallap*, and *Scammony*, A. gr. v. *Rhubarb* gr. x. *Conserve* of *Roses* $\mathfrak{z}\text{ss}$. with *Syrup* of *Roses* solutive make a *Bolus* for the *Gout* and *Dropsy*. 2. Take *Benedicta Laxativa*, *Diacatholicon*, A. $\mathfrak{z}\text{ij}$. *Pouder* of *Hermadaëts* $\mathfrak{z}\text{ij}$. with *Conserve* of *Betony* make a *Bolus* for to purge the *Head* and *Joynts*. 3. Take *Conserve* of *Roses* $\mathfrak{z}\text{ij}$. *Laudanum* gr. iij. make a *Bolus* to give rest and ease. 4. Take *Cassia* new drawn *Aniseeds* $\mathfrak{z}\text{ij}$. with *Oyl* of sweet *Almonds* mixt with gr. vi. of *Salt* of *Tartar* *Vitriolate*, make a *Bolus* for the *Stone*. 5. Take *Pulp* of *Cassia* $\mathfrak{z}\text{ij}$. *Pouder*s of *Sena*, *Rhubarb* and *Hermadaëts*, A. $\mathfrak{z}\text{ij}$. with *Honey* of *Juniper-berries* make a *Bolus* to purge *Choler* and *Melancholy*.

There are also other singular good *Recipe's* of *Electuaries*, of which you may find the *Compositions*, *Preparations*, *Virtues*, *Uses*, and *Various Doses*, in our *Doron Medicum* lib. 2. cap. 22.

CHAP. XXIII.

Of PILLS.

1. *Pilula de Agarico*, Pills of Agarick.

Colledge.) *R* Agnrick Froebiscated \mathfrak{z} ij. Root of blew flower-de-luce, Mastick, Horehound, \mathfrak{A} . \mathfrak{z} j. Turbitb \mathfrak{z} v. Species Hieræ Picræ Galeni \mathfrak{z} ls. Troches Albanadul, Carduel, \mathfrak{A} . \mathfrak{z} ij. Myrrh \mathfrak{z} j. S^{ps}, a sufficient quantity to make a mass of Pills.

Salmon.) It purges Flegm and Watery Humors from the Lungs, Breast and Joynts, curing Conglis, Phtisicks, Asthma's, Dropfies and Gouts. Dose à \mathfrak{z} ls. ad \mathfrak{z} j.

2. *Pilule Aggregative* five *P. lychrestæ*, Pills having many Virtues.

Colledge.) *R* of Citron Myrobalañs, Rhubarb, \mathfrak{A} . \mathfrak{z} ls. Inspissate juices of Maudlin, of Agrimony, of Wormwood, \mathfrak{A} . \mathfrak{z} j. Diagyrdium \mathfrak{z} v. Agrick, Troches Albinaal, fresh Polypody, \mathfrak{A} . \mathfrak{z} j. the best Turbitb, Aloes, \mathfrak{A} . \mathfrak{z} vj. Mastick, red Roses, Sal Gem, Epithymum, Aniseeds, Ginger, \mathfrak{A} . \mathfrak{z} j. with Syrup of Damask Roses, make a Mass of Pills, S. A.

Salmon.) It purges all humors from the Head, Bowels and Joynts, opens Obstructions of the Liver, Spleen and Mesentery, are good against Hypochondriack Melancholy, Agues, Dropfies, Jaundice and Gout,

Dose à \mathfrak{z} ij. ad iv.

3. *Pilula Alaphangine*, Aromatick Pills of Aloes.

Colledge.) *R* of Cinnamon, Cloves, Cardamoms the less, Nutmegs, Mace, Calamus Aromaticus, Carpopalsamum, or Juniper-berries, Schwanth, yellow Sanders, Goats rue, red Roses, \mathfrak{A} . \mathfrak{z} ls. being grossly beaten, let the Tincture be extracted with S. V. in a glass Vessel close stopp'd: being strained, in this Tincture \mathfrak{z} ij. macerate fine Aloes \mathfrak{z} j. to which being dissolved add Mastick and Myrrh in powder, \mathfrak{A} . \mathfrak{z} ls. Saffron \mathfrak{z} j. Balsam of Peru \mathfrak{z} j. at last the superfluous humidity being evaporated over warm ashes, or in a Bath make it into a mass of Pills.

Salmon.) It purges Choler excellently, & cleanses the Head, Stomach and Bowels of gross and putrified humors: it strengthens the Ventricle, causes a good Digestion, excites Appetite, stays Vomiting, strengthens the Brain, and is excellent against Vertigo's, Megrims, Lethargies, and other the like indispositions. Dose à \mathfrak{z} ij. ad iv. or \mathfrak{z} ls. at night going to Bed, 'tis an excellent and gentle Purge.

4. *Pilule de Aloe lota*, Pills of washed Aloes.

Colledge.) *R* Aloes (washed in juice of red Roses) \mathfrak{z} j. Agarick Tro-

trochiscated Zij. Mastich Zij.
species Diamoschu dulce Zls. with
Syrup of Damask Roses q. s. make
a mass of Pills S.A.

Salmon.) The Virtues and
 Dose are the same with the
 former, only this expels Wind
 less.

5. Aloë Rosata, Rosed Aloes.
Colledge.) R Aloes succotrine
 and clear in powder Ziv. juice of
 Damask Roses depurated lbj. mix
 and digest in the Sun or in a
 Bath, till the superfluous moisture
 is evaporated; repeat this digestion
 and evaporation four times, and
 make a mass S.A.

Salmon.) It purges Choler and
 Flegm excellently, cleanses and
 strengthens both Head and
 Stomach, frees the Bowels of
 evil humors: causes digestion,
 excites Appetite, stops Fluxes,
 and is good against the yellow
 Jaundice. Dose à Zls. ad j.

6. Pilulæ aureæ, The Golden
Pills (so called for their Virtues.)

Colledge.) R Aloes, Diagy-
 ridium, A. Zv. red Roses, seeds of
 Parsly, A. Zijls. seeds of Fennel,
 Anise, A. Zijls. Mastich, Saffron,
 Troches of Albandal, A. Zj. being
 beaten, with a sufficient quantity
 of Honey of Roses, make it into a
 mass S.A.

Salmon.) They are a most
 excellent Cephalick, purge
 and cleanse the Head and Brain,
 quicken the Senses, clear the
 Eye-sight, expel Wind from the
 Stomach and Bowels, and are
 powerful against the Scurvy,
 Dropsy, Pox, Gout, Rhuma-
 tism, Jaundice, and Obstruc-
 tions of the Liver and Spleen.
 Dose à Zls ad Zj. make five Pills,

take two at night and three in
 the morning.

7. Pilulæ Cochle majores Rhafis,
Pills Cochle the greater.

Colledge.) Take species Hieræ
 Picræ Galeni Zx. Troches Al-
 bandal Zijls. Diagyridium Zijls.
 Gummy Turbich, flowers of Ara-
 bian Stæchas, A. Zv. with syrup
 of Stæchas q. s. make a mass of
 Pills S.A.

Salmon.) They have all the
 Virtues of the former. Dose à
 Zij ad Zj.

8. Pilulæ Cochle minores, Pills
Cochle the lesser.

Colledge.) R fine Aloes, pure
 Scammony, Pulp of Coloquintida,
 A. Zj. beat them up with equal
 quantities of Syrup of Wormwood
 and purging Thorn into a mass
 S.A. adding Oyl of Cloves Zij.

Salmon.) They powerfully
 purge the Head, and clear the
 Eye-sight, having all the other
 Virtues of *Pilulæ aureæ*, but
 more effectual. Dose à Zj ad ij.
Pilulæ Cochle non simpliciter
grano, quondam xxx & dicitur Græ-
cis nuncupantur, sed quod rotundæ
sint & parvæ, veluti granum
quoddam Ciceris aut Erui, cujus-
modi fieri solebant olim omnes
Pilulæ.

9 Pilulæ de Cynogloss, Pills of
Hounds-tongue.

Colledge.) Take Roots of
 Hounds-tongue dried, white Hen-
 bane seed, prepared Opium, A:
 Zls. Myrrh Zvj. Olibanum Zv:
 Saffron, Castor, storax Calamita,
 A. Zijls. let the roots of Hounds-
 tongue, and Henbane seeds be
 powdered together; but the Myrrh,
 Saffron, and Olibanum by them-
 selves; the Opium being cut
 small,

small, dissolve in Rosewater, after add the powders, and with syrup of Stechas make a mass.

Salmon.) These were invented to stop Catarrhs, Coughs, all sorts of Fluxes of the Bowels, the Terms and Whites in Women. They are good against the Phthisick, Asthma, Pleurisie, Stitches of the side, and all manner of pains. They are profitable against the Tooth-ach and Gout, cause rest and sleep. Dose à gr. x. ad xv.

10. *Pilule Diambæ Pills of Ambergrise.*

Colledge.) Take Pockwood Gum, Aloes Rosate A. ℥iij. species of *Hierz simplex* ℥ss. Mastich ℥j. Ambergrise ℥ss. make all into a subtil powder, which with black Balsam of Peru make into a mass of Pills.

Salmon.) This Pill purges Choler and Flegm, cleanses the Blood, is Alexipharmick, strengthens the Head, Brain, and Stomach, cleansing them of ill humors, and without doubt is good against the French Pox. Dose à ℥ss ad ℥j.

11. *Pilule ex duobus, Pills of two Things.*

Colledge.) Take Coloquintida, Scamony, A. ℥j. Oyl of Cloves a sufficient quantity to malax them well; then with a little syrup of purging Thorn make a mass.

Salmon.) This is one of the best and most general Pills in the Dispensatory, being strong, but yet safe, performing more than all that either *Pilule aureæ Cochie* major & minor, can do: It is an extraordinary good Head Pill, and especially good against the Scurvy, Dropsie, Gout, and French Pox Dose à gr. xv ad ℥j. or ℥ss. This is that which is called de *Lanus* Pill.

12. *Pilule de Eupatorio majores, Pills of Eupatorium the Greater.*

Colledge.) Take Infusate juyces of Maudlin and Wormwood, Citrine Myrobalans, A. ℥iij. Rubarb ℥iijss. Mastich ℥j. fine Aloes ℥v. Saffron ℥ss. to the bruised Myrobalans and Rhubarb, add the infusate juyces, that they may be reduced in powder together. The Aloes, Mastich, and Saffron beat by themselves, then mix all, and with syrup of the juyce of Endive, q. s. make a mass according to Art.

Salmon.) It purges Choler, cools, and was originally designed by Mesue the Author thereof for the Cure of Tertians and the yellow Jaundice, it opens obstructions of the Liver, and strengthens the Stomach. Dose à ℥ss ad ℥j.

83. *Pilule fetidae, Ill-scented Pills.*

Colledge.) Take Aloes, Troches Alhandal, Opopanax, Ammoniacum, Sagapenum, Myrrh, seeds of Rue, Epithymum, A. ℥v. Scamony ℥iij. Roots of Turbitb ℥ss. Roots of the lesser Spurge prepared, Hermodactyls, A. ℥j. Ginger ℥ss. Spicknard, Cinnamon, Saffron, Castoreum, A. ℥j. Euphorbium prepared ℥j. rectified Oyl of Amber ℥ss. dissolve the Gums in juyce of Leeks, strain and boyl; then add the Powders, and mix them well, making up the mass with syrup of the juyce of Leeks and Sugar.

Salmon.) Mesue was the Author hereof, and he adds *Bdelium* ℥v. which is here left out to the disadvantage of the Pills, as also Euphorbium ℥j. it being ℥ij. in the original. They purge Choler and Flegm, expel cold and raw humors, are good against

gainst the Podagra, Gongora, pain of the Head, Stomach, Back and Joynts, the Elephantiasis, Scabs, Tetters, Ring-worms, and other disaffects of the Skin; they provoke the Terms, cleanse the Womb, cure Fits of the Mother, and take away the cause of Barrenness in both Sexes; they are dedicated to the Brain, Nerves, Stomach, Womb and Joynts; are prevalent against Head-achs, Megrims, Apoplexies, Palsies, Convulsions, Epilepsies, Vertigo's, Tremblings, Rheumatism, Cholicks, Leprosies, and open all sorts of Obstructions. Dose à ℥iij. ad iv.

14. *Pilule de Gutta Gamandra*, Pills of Cambogia.

Colledge.) Take fine Aloes ℥iij, Rosin of Cambogia ℥iss. Rosin of Scammony ℥j. Gum Ammoniacum ℥iss. Tartar Vitriolate ℥ss. with Syrup of Roses solutive make a mass of Pills.

Salmon.) You may take the Extract or Magistery of the Cambogia, for being a watery Gum, you will find no Rosin in it. It is an excellent purge of watery and stegmatic Humors, expels Choler, is very good against the Dropsie, Pox and Gout. Dose à ℥j. ad ℥j. in a morning fasting. This is in addition to the new Dispensatory.

15. *Pilule de Hermodactylis*, Pills of Hermodacts.

Colledge.) Take of Sagapenum ℥vj. Opopanax ℥iij; dissolve them in warm juce of Coleworts a sufficient quantity; strain it through a fit Bag, after boyl it to a due thickness; then take of Hermodacts, Aloes, Citron Myrobolans, Turbith,

Troches Albandal, soft and fresh Baelium A. ℥vj. Euphorbium prepared ℥j. seeds of Rue, Parsly, Castoreum, Sarcocol A. ℥iij. Saffron ℥iss. Syrap of the juce of Coleworts made with Hunty, make a mass S. A.

Salmon.) The Virtues are the same with *Pil. fetida*, excepting these are weaker, and not altogether so effectual. Dose à ℥ij. ad ℥j, or ℥iv.

16. *Pilule de Hiera cum Agarico*, Pills of Hiera with Agarick.

Colledge.) Take of the Species *Hiera Picra Galeni*, Agarick A. ℥ss. fine Aloes ℥j. Honey of Roses a sufficient quantity, make a mass according to Art.

Salmon.) The Virtues are the same with the Electuary of *Hiera cum Agarico*. Dose à ℥j, ad ℥j.

17. *Pilule Imperiales*, Imperial Pills.

Colledge.) Take Aloes ℥ij, Rhabarb ℥iss. Agarick, Leaves of Sena cleansed, A. ℥j. Cinnamon ℥iij. Ginger ℥ij. Nutmegs, Cloves, Spicknard, Mastic A. ℥j; being mingled with Syrup of Violets, make it up into a mass with oyled hands.

Salmon.) The Virtues are the same with *Pilule Aloephangine*. They chear the Spirits, cause Rest, clear the Eye-sight, and strengthen the Memory. Dose à ℥iij. ad ℥iss.

18. *Pilule de Lapide Lazuli*, Pills of the Azure Stone.

Colledge.) Take of the Azure Stone in powder and well washt ℥v: Epithymum, Polypody, Agarick, A. ℥j. Scamony, roots of black Hellebor, Sal Gem, A. ℥iss. Cloves, Anniseeds, A. ℥ss. Species *Hiera Galeni* ℥xv. with Syrap of the juce of

of *Fumitory* make a *Maß* according to Art.

Salmon.) These Pills were invented to evacuate Black Choler and Melancholy: they take away hardness, and open Obstructions, of the Spleen, cures the Jaundice, Elephantiasis, Leprosy, Mange, Cankers, Tettars, Ringworms, and all Diseases arising from Atrabalis. They are powerful against Frenzy, Madness, and Hypochondriack Melancholy. Dose a ʒss, ad ʒi. and to ʒiss. in strong bodies: dissolving of it in half a pint of Whey, clarified with Rosemary and Sage, or Borrage and Bawm. Give it in the morning, and when it begins to Work, let the Sick drink a draught or two of warm Whey, as aforesaid.

19. *Pilule Matri*, Pills of Aloes Compound.

Colledge.) Take fine Aloes ʒij. Mastich ʒss. leaves of dried Marjoram ʒij. Salt of Wormwood ʒj. all being in poudr with juyc of Colewort and sugar q.s. make them into a *Maß* according to Art.

Salmon.) The Virtues and Dose are the same with *Pilule de Aloë lota*. They strengthen the Memory, and quicken the Senses both internal and external: take them at night going to bed for fifteen or twenty times together, the same observe in Imperial Pills, and Pills of washed Aloes.

20. *Pilule Mastichina*, Pills of Mastich.

Colledge.) Take Mastich ʒij. Aloes ʒiv. Agarick Trochiscated, Species *Hiera simple*, A. ʒiss. with syrup of Wormwood make a *Maß*, S. A.

Salmon.) The Virtues are the same with the *Electuary of Hiccum Agarico*. Dose a ʒij. a ʒiv. They are a gentle purge and strengthen much all the principal parts.

21. *Pilule Mechoacane*, Pills of Mechoacan.

Colledge.) Take Mechoacan ʒiv. Turbith ʒij. Leaves of Spurge steeped in Vinegar and dried; seed of dwarf Elder, Agarick Trochiscated, A. ʒij. Roots of *Esula* prepared, Mastich, A. ʒiss. Mace, Cinnamon, Sal. Gem, A. ʒij. make all into poudr, and with whits wine bring them into a *Maß*: when it is dry, with syrup made of sugar, and juyc of Orrice Root; make it again into a *Maß* for Pills.

Salmon.) They purge flegmy and watery humors excellently and are therefore very prevalent against the Dropsy and Kings-Evil. Dose a ʒj. ad ʒi.

22. *Pilule de Opopanax*, Pills of Opopanax.

Colledge.) Take of Opopanax ʒss. Sagapenum, Bdellium, Ammoniacum, Hermodactis, Colocynthis, A. ʒv. Saffron, Castoreum, Myrrh, Ginger white Pepper, Cassia Lignea, Citron Myrobalans, A. ʒi. Scammony ʒij. Turbith ʒss. fine Aloes ʒiss. The Gums dissolved in clarified juyc of Coleworts, with syrup of the juyc of Coleworts make a *Maß* according to Art.

Salmon.) The Virtues are the same with *Pilule sarrida* (at sect. 13. they extenuate, dissolve scour away, and evacuate gross clammy flegm, and all cold humours from the Head; Brain, Nerves, Eyes Stomach, Liver Spleen, Womb, Bowels, Reins, Bladder

Bladder and Joynts. Dose ʒj. ad ʒj.

23. *Pilule Rudij*, Pills or Extract of Rudijs.

Colledge.) Take *Coloquintida* ʒvj. *Agarick*, *Scamony*, roots of black *Hellebor*, *Turbith*, A. ʒss. *Aloes Succorina* ʒj. *Cinnamon*, *Mace*, *Cloves*, ana ʒiij. let the *Coloquintida* (being cleansed from the seeds) be cut small; the *Agarick* sliced thin; the *Hellebor*, *Turbith* and *Aromaticks*, grossly bruised: upon which affuse the best S. V. a sufficient quantity, so much as may over-top all the breadth of six fingers: digest four days in a gentle heat, after strain and press out the Lignor strongly, in which dissolve the *Scamony* and *Aloes* (first well cleansed) Then put all into a Glass Alembick, that the humidity being separated (by distillation) the thick matter (like Honey) may remain, of which make a Mass.

Salmon.) This is a good way of making these Pills; for now the body of the menstruum not being clogged with the Gums (till the last) is able to extract the powers of all the other things, which by the other way it could not. The Colledge has left out the *Diarrhodon abbatis* ʒss. and put in its place the aforesaid *Aromaticks*. These Pills are a *Panchymagogen*, or General Purger of all humors hot and cold, thick and thin, being indeed a very excellent Medicament inferiour to no Pills in the Book, working with a world of safety and gentleness, and having all the Virtues of *Pilule Aggregative Auree*, *Cochiae*, *setide*, &c. but whether they be in all cases so effectual, as those o-

ther Pills which are more Material, I question much. If you mix these with *Pil. Aggregative Cochiae*, or the like, they will work more to the purpose, and better then the Extract alone. They are usually given with *Mercurius Dulcis*, or sweet white precipitate against the French Pox. Dose ʒj. ad ʒiij. but in some Bodies one large Pill of gr. xii. or xiii. will work very well.

34. *Pilule Ruffi* five Communes, Ruffus his Pills or Common Pills.

Colledge.) Take fine *Aloes* ʒii. choice *Myrrh* ʒj. *Saffron* ʒss. with Syrup of *Wormwood* make a Mass, S. A.

Salmon.) These are those commonly called *Pestilentialia*, an being a good Preservative in Pestilential times, cleansing the Body of such humours as might be apt to take the infection. They strengthen the Head, Stomach, and Heart, hinder Putrefaction, cause Digestion, and a good Appetite, provoke the Terms, cure Surfeits, clear the Voice, and are a good Pectoral. Dose ʒ ʒss ad ʒj. In their old Book 'twas ordered to be made up with Syrup of the juyce of Limons.

25. *Pilule sine Quibus*, Pills without which I would not be.

Colledge.) Take *Aloes* dissolved in juyce of 1 *Roses* and dried again ʒxiv. *Scamony* prepared ʒvj. *Agarick*, *Rhubarb*, *Sena* cleansed, A. ʒss. *Wormwood*, flowers of red *Roses* exungulated, *Violet* flowers, *Dodder*, *Mastic*, A. ʒj. Salt of *Wormwood* ʒss. The *Scamony*, *Aloes*, *Agarick*, and *Mastic*, powder by themselves, then adding the other things

things to them, with Syrup of juyce of Fennel and Honey make a Maß S. A.

Salmon.) It purges all humors, as Water, Flegm, Choler and Melancholy, and that from all parts, chiefly the Head, Womb, and Joynts. It clears the Eye-sight, are profitable against the Scurvy, Drop sic, Jaundice, and Gour. Dose à ʒi. ad ii.

26. *Pilule stomachicæ*, Stomach Pills.

Colledge.) Take fine Aloes ʒvj. Mastich, red Roses, ana ʒii. with Syrup of Wormwood make a Maß S. A.

Salmon.) They cleanse and strengthen the Stomach, having the Vertues and Dose of Pil. de Aloë Lota at Sect. 4.

27. *Pilule stomachicæ cum Gumma*, Stomach Pills with Gums.

Colledge.) Take fine Aloes ʒj. Sena cleansed ʒv. Ammiacum dissolved in Elder-Vinegar, ʒss. Mastich, Myrrh, A. ʒss. Saffron, Salt of Wormwood, A. ʒss. with Syrup of Buckthorn make a Maß S. A.

Salmon.) They purge Melancholy, open Obstructions of Spleen, and are good against Surfeits. They strengthen the Head and Stomach, and disburthen the Lungs. Dose ʒi. or more.

28. *Pilule de styrace*, Pills of Storax.

Colledge.) Take Storax calamita, Olibanum, Myrrh, inspissate juyce of Liquorice, Opium, ana, ʒss. Saffron ʒj. with Syrup of white Peppies make a maß according to Art.

Salmon.) The Vertues are the same with Laudanum, at Sect. 32. following. They stop Catarrhs

and violent Coughs, as also all sorts of Fluxes. Dose à gr. viii. ad xvi.

29. *Pilule de succino*, Pills of Amber.

Colledge.) Take white Amber, Mastich, ana ʒii. fine Aloes ʒv. Agarick trochiskated, ʒss. long Birth-wort, Hares-horn burnt, ana ʒss. Nutmegs ʒss. with Syrup of Wormwood make a maß.

Salmon.) It purges and cleanses the Bowels and Womb, evacuates Choler, and stops Fluxes: being often given they take away the cause of Barrenness; having all the same Vertues with Pil. Hieræ cum Agarico. Dose à ʒss. ad j. or iiss.

30. *Pilule Tartaræ*, Pills of Tartar.

Colledge.) Take Crystals of Tartar ʒiii. Polypody of the Oak ʒii. Currans ʒss. Flowers of Bugloss, Borrage, Water-Lillies, ana, P. j. boyl them in Waters of Fumitory and Hart-tongue, A. q. s. to the consumption of the half. Take of this Decoction clarified ʒbii. clarified juyce of sweet scented Apples ʒbj. to which add Sena ʒiii. Turbith roots of black Hellebor ʒiss. choic Myrrh ʒj. Mace, Cloves, Cinnamon Epithymum, ana, ʒss. digest in a glass Vessel close stopt in B. M. for four whole days, then press them out: in which dissolve Aloes prepared ʒiv. and with a gentle Fire reduce it to its just thickness: the being a little cooled add specie Letificantis, species Dialacca, ana ʒj. Salt of Wormwood and Ash A. ʒii. Essence of Saffron ʒii. O of Aniseeds a few drops, make maß of Pills.

Salmon.) This is exactly from

Quercetan, save in the Copying of it over they over-look't [of all the sorts of *Myrobolans*, ana $\frac{3}{4}$ ss.] to be put into the first Decoction, which is a gross error and mistake; for they ought to be put into the Medicine. Moreover *Quercetan* adds sometimes the Essence of *Aloes* and *Scammony*, Extract of *Rhubarb*, A. $\frac{3}{4}$ ss. Extract of *Sena* $\frac{3}{4}$ ss. Troches *Albantal* $\frac{3}{4}$ ss: and then he calls them *Polycresta*. They purge Choller and Melancholly, all Gross and Targarous Humors, Salt and Mucilaginous from the very profound parts: cure Madnes, Frenzy, Melancholy, Quartans, Scabs, Itch, Cancers, Leprosies, Scurvy, Dropsy, Gout, French Pox, and purify the whole mass of Blood. Dose \dot{a} $\frac{3}{4}$ j. ad $\frac{3}{4}$ ss. morning and evening after a light supper and before sleep.

31. *Pilule distæ ex tribus*, Pills of three things (so called.)

Colledge.) Take *Mastich* $\frac{3}{4}$ ii. *Aloes* $\frac{3}{4}$ iii. *Agarick*, species *Hieræ* simple, ana $\frac{3}{4}$ ss. choise *Rhubarb* $\frac{3}{4}$ ii. *Cinnamon* $\frac{3}{4}$ ii. with Syrap of *Chichory* make a mass S. A.

Salmon.) The Virtues and Dose are the same with *Pil. Hieræ cum Agarico*, at Sect. 16.

32. *Laudanum*, the Specifick Anodyne.

Colledge.) R *Thebian Opium* extracted in S. V. $\frac{3}{4}$ i. *Saffron* (in the manner extracted) $\frac{3}{4}$ j ss. *Castor* $\frac{3}{4}$ j. let them be made up with Tincture made (of species *Diambra* ss.) with S. V. Ther add *Ambergrise*, Musk, A. gr. vi. Oyl of Nutmegs, gut. x. lastly, evaporate the beat of a Bath and make Mass.

Salmon.) It is a most excellent

Anodyne, easing all manner of Pains almost in a moment, in any part of the Body from Head to Foot, whether inward or outward: It causes rest and sleep, stops all sorts of Catarrhs and destillations of Rhume, Coughs, Colds; and soreness of the Throat, Wind-pipe and Lungs: It is excellent against spitting of Blood, all inward Soreness and Bruises, Pleurifies, Pains and Stitches of the Sides; all Fluxes of the Bowels and Womb; as the Diarrhæa, Dysenteria, Lienteria, Fluxes of the Terms and Whites: It is very prevalent against all sorts of Fits and Passions of the Heart, as Palpitation, trembling, swooning, fits of the Mother, oppression of wind, the Epilepsie, Apoplexy, Palsy, Convulsion, Vertigo, Megrin and Head-ach. It eases the pain of the Teeth in a moment, and is prevalent against the Gout, Sciatica and French Pox, being an effectual Alexipharmick and Sudorifick. It infallibly cures Agues of all sorts, being given dissolved in a glass of Sack about three hours before the fit comes. Dose \dot{a} gr. j. ad iv. In Agues give the highest Dose, the Age and strength of the Patient being considered. In other cases give it at night going to bed.

33. *Nepenthes Opiatum*, An Opiate against Sorrow and Sadness.

Colledge.) R Tincture of *Opium* (first prepared with spirit of *Vinegar*, then with S. V.) extract of *Saffron* (made with S. V.) A. $\frac{3}{4}$ j. salts of Pearl and Coral, A. $\frac{3}{4}$ ss. Tincture of the species *Diambra* $\frac{3}{4}$ vii. *Ambergrise* $\frac{3}{4}$ i. mix and by the gen-

the heat of a Bath evaporate to the form of a pill.

Salmon.) The Virtues are the same with the former, save this more cheers the Heart and Spirits, causes gladness, and drives away melancholy. Dose \dot{a} gr. iij. ad viij.

Pills left out in the New Dispensatory.

34. *Pilulæ Turpethi Auræ*, Golden Pills of Turbith.

Colledge.) \dot{R} of Turbith Zij , Aloes Ziss : Citron Myrobolans Zx : Red Ruses, Mastick, \dot{A} . Zvj : Saffron Ziii , beat all into powder, and with Syrup of Wormwood make a Mass.

Salmon.) They purge Choler, Flegm and watry humours from the Stomach, Bowels, and joynts, causing a good digestion and a sharp appetite, Dose \dot{a} Zss ad Zj .

35. *Pilulæ Assaureth Avicennæ*, Avicenns Pills purging Choller.

Colledge.) \dot{R} species *Hierapicra Galeni* Zi : Mastick, Citron Myrobolans, \dot{A} . Zss : Aloes Zij : with Syrup of Stæchas q. s. make a Mass according to Art.

Salmon.) They were designed as a Chologogue, but strengthen the Stomach and whole body much; Take away surfeits, and cause a good Digestion: Dose \dot{a} Zj ad Zi .

36. *Pilulæ de Bdellio*, Mesuæ, Pills of Bdellium.

Colledge.) Take of Bdellium Zx : Myrobolans Bellerick, Emblick, Black, \dot{A} . Zv : Flakes of Iron, Leek-seed, \dot{A} . Ziii : Conchula Veneres burnt, Coral burnt, Amber,

\dot{A} . Zjss : Pearls Zss : dissolve the Bdellium in juyce of Leeks, and with so much Syrup of the juyce of Leeks as is sufficient make it into a Mass according to Art.

Salmon.) They stop all sorts of Fluxes, as of the Bowels, Hemorrhoids, Terms, whites, Catarrhs, and spitting of Blood. Dose \dot{a} Zss ad Zjss .

37. *Pilulæ de Rhabarbaro*, Pill of Rhubarb.

Colledge.) \dot{R} of choise Rhabarbar Ziiij : Citron Myrobolans, Troche Diarrhodon \dot{A} . Ziiiss : juyce of Liquorice, juyce of Wormwood, Mastick, \dot{A} . Zj : seeds of Smalldoge and Fennel, \dot{A} . Zss : species *Hierapicra Galeni* Zx : with juyce of Fennel not clarified and Honey so much as is sufficient, make it into a Mass.

Salmon.) The Virtues are much the same with *Pilulæ Imperiales*: but these open most and are more Pectoral. Dose \dot{a} Zss ad Zj or more.

38. *Pilulæ Arabiæ*, Arabian Pills of Nicholas.

Colledge.) \dot{R} of fine Aloe Ziiij : Bryony roots, Myrobolans all the sores, Diagyrdium, Asarabacca, Roses, \dot{A} . Zj : Castoreum Ziii : Saffron Zi : with Syrup of Wormwood make it into a Mass according to Art.

Salmon.) It brings away both Birth and Afterbirth, but was chiefly designed to cleanse women after delivery. They purge the Head, Stomach, Bowels, Spleen, Reins, and Womb, expel Melancholy, cure Headachs, Megrims, Verugo's, clear and preserve the Sight, strengthen the Stomach and cause cheerfulness.

Dose

Dose à ʒi to ʒij : strong people may take a Dram.

39. *Pilule Artbriticæ*, Pills for the Gout from Nicholas.

Colledge.) R of *Hermodactis*, *Turbitih*, *Agarick*, A. ʒiſs: *Cassia Lignea*, *Indian Spicknard*, *Cloves*, *Xylobalsamum*, *Xyloaloes*, *Carpobalsamum* or *tubebs*, *Mace*, *Galanga*, *Ginger*, *Ma-tick*, *Aſſaſætida*, seeds of *Aniſe*, of *Fennel*, of *Saxiſfrage*, of *Sparagus*, of *Bruscuſ*, of *Roses*, of *Gromwell*, *Sal. Gem*, A. ʒij, *Scammony* ʒj. fine *Aloes* the weight of them all : uyce of *Chamepitys* made thick with sugar or syrup of the same uyce, so much as is sufficient to make it into a mass.

Salmon.) They purge Choler, Flegm and Watery humors ravelly, expel Wind, and are very prevalent in curing the Gout, Scurvy, and Dropſie, Jaundice, Kings-Evil, and other stubborn and Chronick Diseases. Dose à ʒi ad ʒiiij : to strong odies ʒiſs.

40. *Pilule Cochleæ cum Helleboro*, Pills Chochie with Hellebor.

Colledge.) R of the Species of *il. Cochleæ* the less; powder of the bark of the roots of black Hellebor, A. ʒj make it into a Mass with syrup of *Stæchas*, according to Art.

Salmon.) 'Tis designed to cure Melancholly, Frenzy and Mad-ness: but 'tis a very violent medicine. Dose à gr. xvj. ad xvj : or ʒiſs if the body be very tounge.

41. *Pilule de Fumaria Avicenne*, Pills of Fumitory.

Colledge.) R of *Citron*, *Chebs*, and *Indian Myrobalans*, *Diagryum*, A. ʒ v : *Aloes* ʒviij : let

let all of them being bruised, be three times moistned with juice of Fumitory, drying them every time, then at last be brought into a Mass with syrup of Fumitory.

Salmon.) They open Obstructions of the Liver and Spleen, purge Salt Flegm and Melancholy, and are good for such Diseases as proceed therefrom, as Scabs, Leprosie, Scurf, Morpew, Tettars, Cancers, Itch, &c. Dose à ʒi ad ʒj.

42. *Pilule Indæ Mesuæ*, Indian Pills, or of Indian Myrobalans.

Colledge.) Take *Indian Myrobalans*, *Black Hellebore*, polypody of the Oak, ana ʒv : *Epithymum*, *Stæchas*, ana ʒvi : *Agarick*, *Lapis Lazuli* often washed, *Troches Albandal*, *Sal. Indi*, ana ʒiſs : Juice of *Maudlin* made thick, *Indian spicknard*, ana ʒii : *Cloves* ʒi : *Hierapicra Simplex* of *Galen* ʒxiiij : with the syrup of the uyce of *ſinalage* make them into a Mass according to Art.

Salmon.) They are of great Power to expel Melancholy, Salt and sharp humors and Diseases thence proceeding, as Leprosy, Kings Evil, Morpew, Scurff, Jaundice, Quartan Agues, Scirrhus Tumors and Cancerous, Green-sickness, and all Obstructions of the Spleen, They have indeed all the Virtues of *Pilule de Lapide Lazuli*, where you may be more fully informed of all their other effects. Dose à ʒiſs ad ʒiſs.

43. *Pilule Lucis Majores*, Pills quickning the Eye sight the Greater.

Colledge.) Take of *Roses*, *Violets*,

lets, Wormwood, Colocynthis, Turbith, Cubebs, Calamus Aromaticus, Nutmegs, Indian Spicknard, E-pithymum, Carpobalsamum, or instead thereof Cardamoms, Xylobalsamum, Xilaloos: seeds of Hart-wort, Rue, Anise, Fennel, Smallage, Parsly, Schœnanth, Mastich, roots of Asarabacca, Cloves, Cinna-mon, Cassia Lignea, Saffron, Mace, ana ℥ii; all the sorts of Myrobo-lans, Rhubarb, ana ℥ss: Aga-rick, Sena, ana ℥v; Aloes succo-tina the weight of them all: with Syrup of the juyce of Fennel, make a mass S. A.

Salmon.) The Title shews the Intention. It is a good Cephalick Medicine, and clears the Sight, expels Wind, frees the Stomach and Bowels from Flegm and Choller, provokes Urine and the Terms, open Obstructions, and strengthens the inward parts. Dose à ℥ii. ad iv.

44. *Pilule de Esula Fernelii*, Pills of the lesser Spurge.

Colledge.) Take of the Barks of the roots of the lesser Spurge, (steeped four and twenty hours in Vinegar and juyce of Plantane) ℥ii; Grains of Palma Christi torrifed N°. 40: Citeron Myrobolans ℥ss: Germaner, Chamepytis, Spicknard, Cinnamon, ana ℥ii: being beaten into fine powder, with an ounce of Gum Tragacanth dissolved in Rose-water and Syrup of Roses, so much as is sufficient, make a mass: let the Esula be at least eight months old before it is used.

Salmon.) They purge Water and Flegm strongly, and were designed by their Author for the cure of the Dropsy; They are very prevalent also against the Kings-Evil, and other Di-

seases proceeding from Flegm Give them only to strong persons à ℥ii ad ii.

45. *Pilule de Euphorbio Mesue*, Mesue's Pills of Euphorbium.

Colledge.) ℞ of Euphorbium Colocynthis, Agarick, Bdellium, Sagapenum, ana ℥ii; Aloes ℥v with Syrup of the juyce of Leek make it into a mass.

Salmon.) It purges thick Flegm from the remote parts, is good against the resolution of the Nerves, the Palsy, Gout, and Diseases of the Joynts proceeding from too much Moisture cures the Dropley and all moist Diseases, pains in the Loyns and the Sciatica, give it only to strong persons à ℥j. ad ℥ii.

46. *Pilule Scribonii*, Scribonius his Pills.

Colledge.) Take of Sagapenum Myrrh, A. ℥ii: Opium, Cardamoms, Castoreum, A. ℥j: white Pepper ℥ss: Sapa, as much as is sufficient to make it into a mass. S. A.

Salmon.) They stop fluxes of all sorts, as the Dysenteria, Diarrhoea, overflowing of the Terms, Whites, Virulent Gonorrhœas, Catarrhs, Rheums, Phthisicks, &c. General remedies and evacuations having been first used according to Art. Dose à gr. x. ad xvi.

PILLS added by the Author.

47. *Pilule Angelicæ Salæ*, Salæ Angelical Pills.

Take Sena ℥iv: Rhubarb, Ag-ricke Trochiscated, A. ℥ii: Clarifi-

Juice of Borrage Rhiſs: Digest three hours, then strain, and press out the liquor, in which dissolve fine ſloes ℥ii: boyl with a gentle fire in an Earthen glazed Vessel, to the bickness of Pitch: then add of the Extracts of Angelica root, of fine Myrrh, of Saffron, Salt of Carduus benjamin, A. ℥ii: spirit salt, gut. xx. mix and make a mass according to Art.

Salmon.) They purge pleasantly all thick and Tartarous humors of the Ventricle, and parts adjacent; open all manner of Obstructions, expel Wind, strengthen the Stomach, and resist corruption: If you give them to a strong body you may accustom every dose with gr. iij or of Scammony. Dole à Dj. ℥i.

48. *Pilulæ Panchymagogæ Quercetani*, Quercetans Panchymagogæ Pills.

Be Aloes prepared (or extracted) ℥s: Juice of Violets purified by digestion; and inspissated like Honey q. s. mix, and insolate a few days, stirring them every day with stick till they be well mixed. To which add Juices (depurated by distillation, and inspissated like Honey) Primrose flowers, Peach leaves, Damask Roses, Succory, Bugloss, Hypericon, A. ℥iii: Extracts of seed, Agarick, and Rhubarb, A. ℥ij; Cinnamon, powder of sweet Fennel-seeds, Aniseeds, A. ℥j: species *stria santali* ℥iiij: make a mass.

Salmon.) They universally purge all humours, chiefly the blood; and by their Balsamick virtues, conserve Health: they destroy the generation of worms, and evacuate all Noxi-

ous matter, purifying the whole Mass of Blood. It is a Specifick against Quartans, and by adding some Ammoniacum, it opens all Obstructions of the Spleen. Dose à Dj ad ℥ij: and in strong bodies to ℥j.

49. *Pilulæ Cholagogæ Quercetani*, Quercetans Pills for purging Choller.

Be depurated Juices of Centory the less, of Damask Roses, of Maudlin, of Dock-roots, A. ℥iiij: Aloes prepared ℥vi: Digest twelve hours in B. M. to dissolve, then inspissate to the thickness of Honey; after which add powders of Rhubarb, ℥j: Xylaloes, Myrrh, A. ℥ii: Saffron, Cinnamon A. ℥ls: Diatrion santalon, Diarrhodon A. ℥j: mix and make a mass.

Salmon.) They are excellent against the Cachexy, Green-sickness, all Chollerick Feavers and Diseases, open Obstructions of the Liver and other parts for nourishment. Dose ad ℥j.

50. *Pilulæ Phlegmagoga Quercetani*, Pills purging Flegm.

Take Species *Hiera simple* ℥ls: Troches Albandal ℥vi: Agarick Trochiscated ℥ii: Carthamus-seeds, Hermodactils, Asarabacca, Turbit, A. ℥j: Myrrh ℥vj: Cinnamon. Mace, Pepper, Fennel-seeds, A. ℥ii: digest in depurated Juice of Wormwood Rhiſs: mixt with Rhenish Wine ℥ij; in a Glass Vessel close stoppt, and in a gentle B. M. for three days: then strain, and add Aloes prepared ℥iiij. mix, dissolve and evaporate to the just thickness.

Salmon.) They purge Flegm from the Brain, Lungs and Stomach, and expel watery humors from all parts, chiefly from the remote parts of the Nerves and

joynts; they are good against all cold Diseases and Distempers of the Head, as Apoplexies, Epilepsies, Lethargies, Palsies, Gout, &c. Dose à ʒj. ad ii.

51. *Pilule de Ammoniaco Quercetani*, Quercetans Pills of Ammoniacum.

℞ Aloes dissolved in Endive water and cleansed ʒiv. Gum Ammoniacum (dissolved in Vinegar of Squills & strain'd), Myrrh (dissolved by fire in B. M. and strained hot) A. ʒss. Mastick, Diatrion Sanealon, A. ʒss. Saffron ʒij. Salt of Ash or Wormwood ʒiv. with syrup of Stechas or of juice of Roses make a mass.

Salmon.) They purge Melancholy and all Tartarous humors from all parts of the Body, open Obstructions of the Spleen, and takes away the hardness thereof, Scirrhus, old Agues, Cachexies, Catarrhs, Gouts, &c. and are excellent to purge Corpulent people with. Dose à ʒj. ad ij.

52. *Pilule de Euphorbio, Quercetani*, Quercetans Pills of Euphorbium.

℞ Euphorbium (prepared as we have taught, Lib. I. Cap. 8. Sect. 28.) ʒj. Spicknard, Mastick. A. ʒvj. Opopanax, Sagapenum prepared, Bellium, A. ʒss. Agarick, Troches Albandal, A. ʒiij. with syrup of Violets make mass.

Salmon.) They cure all sorts of old Agues, Quoridian and Quartan, Cachexies, Dropsies, Cholicks, Gouts, Palsys: flegmatick and watry humors. Dose à ʒj. ad ij.

53. *Pilule contra Pestem Quercetani*, Pills against the Plague.

℞ Euphorbium prepared (ut supra) ʒj. extracts of Nux Vomica and Saffron, A. ʒij. Extracts of

Angelica Root and Tormentsl, A. ʒjss. Extract of Treacle ʒii. Confectio Alkermes & de Hyacintho, A. ʒj. Essence of Coral ʒjss. Terra sigillata q. s. mix, and make them into the body of a Pill.

Salmon.) The Title shews the Virtues, being excellent against all contagious and infectious Diseases. Dose ʒss.

54. *Pilule de Sagapeno Quercetani*, Pills of Sagapenum.

℞ Sagapenum depurated ʒvj. Ammoniacum depurated ʒiij. Extract of the Troches of Albandal ʒj. Diagrydium ʒss. Sal Gem ʒjss with syrup of Violets, make a mass.

Salmon.) They are good against all cold Diseases, and such as proceed from Water, Flegm and Melancholy, as Cachexies, Dropsies, Gouts, Sciatica's, Lethargies, Epilepsies, Apoplexies, Scurvys, Quartans, &c. against Agues give a Pill as big as a Pear at the coming of the Fit for four days. To some give 2 or 3 Pills

55. *Pilule Catholica Mynsicht*, The Universal Pills of Mynsicht.

℞ of the mass of *Pilule sine quibus aurea, Catholica*, A. ʒss. Extracts of black Hellebor and Colloquintida, A. ʒiij. Tartar Vitriolate, Scammony rosate, A. ʒii. mix and with Oyl of Fennel-seeds com-
pleat the mass.

Salmon.) They purge excellently and without pain, expelling Wind, Water, Flegm, Cholick and Tartarous humors from the Head, Brain, Stomach. They are prevalent against Fevers, the Gout, and other affects of the Joynts: they stop Catarrhs, help noise in the Ears, dimness of Sight, and other defects there

of, wonderfully comforting the
Visive Spirits. Dose à gr. x.
ad xx.

56. *Pilulæ Cephalicæ Mynsichti*,
Mynsicht's Head Pills.

℞ *Scamony Rosate* ℥iij. Extracts
of *Pilulæ Cochiae* and black *Hellebor*
A. ʒjss. Tartar *Vitriolate*, Species
Diambre, A. ʒss. Oyls of *Amber*
and *Marjoram*, A. ʒss. mix them.
Salmon.) They free the head,
brain and senses from putrid,
cold, watery and flegmatick hu-
mors: They are singular good
against the Gour, and other Dis-
eases of the Joynts, and give ease
in the Chollick. Dose à ʒj. ad
ʒss.

57. *Pilulæ Diaphoreticæ Clossæi*,
Sweating Pills of Clossæus.

℞ *Cinnabar of Antimony* recti-
fied ʒj. Extract of *Saffron*, Myrrh
and *Aloes*, ʒss. Crystals of *Sulphur*
ʒj. Oyl of *Guajacum*, enough to
make it into Pills.

Salmon.) It sweats well, and
may be given against Infectious
and Pestilential Diseases, and the
French Pox: Dose the whole
quantity of the composition, gi-
ving after it a spoonful of the
acid Spirit of *Guajacum* in a
glass of *Rhenish-wine*.

58. *Pilulæ Hystericæ Horstij*,
Hysterick Pills of Horstius.

℞ fine *Aloes* ʒiij. Myrrh ʒj.
Extract of *Calamus Carduus*, A. ʒss.
Saffron gr. iij. Roots of *Gentian*,
long *Birchwort*, *Dittany* A. gr. v.
with Rob of *Elder* make a mass.

Salmon.) They cleanse the
Womb from gross *Flegm* and
other impurities, provoke the
Terms, and are good against fits
of the Mother. Dose ʒss. for
some days together.

59. *Pilulæ Antepilepticæ Clossæi*,

Pills against the Falling-sicknefs.

℞ *precipitate of Gold* ʒj. *narve*
Cinnabar ʒiv. Oyl of *Antimony* (in
lib. 3. cap. 8. Sect. 88. 89. or 90.)
gut. 20. Extracts of *Castor* (made
with S. V. and inspissated) and of
Amber, A. ʒj. Extract of *Male Pe-*
ony, of *Female Peony*, of *Briony*,
A. ʒjss. leaves of black *Hellebor*
in powder, ʒij. make a powder and
with juyce of *Leeks* make a mass;
to which add Oyl of *Angelica*, Spirit
of *Vitriol*, A. gut. x.

Salmon.) They are powerful
for the purpose intended. Dose
ʒj. before the fit; giving broth
sharpned with Spirit of *Vitriol*
after.

60. *Pilulæ de Succino Cratonis*,
Crato's Pills of *Amber*.

℞ powder of *Amber*, *Mastic*, A.
ʒss. *Aloes*, ʒx. *Agarick* ʒiij. Round
Birch-wort ʒj. with Syrup of *Betony*
make a mass.

Salmon.) They strengthen the
Head, Stomach and Womb, and
cleanse all those parts. Dose ʒj.
once a week.

61. *Pilulæ Tartaræ Bontij*, *Bon-*
tius his Pills of *Tartar*.

℞ *Aloes* ʒiij. *Ammoniacum* de-
purated with *Vinegar* of *Squills*,
ʒjss. Tartar *Vitriolate* ʒjss. mix,
and make a mass: some add Ex-
tract of *Rhubarb* (made in juyce
of *Citrons*) ʒss.

Salmon.) The Virtues are the
same with *Quercetans* Pills of
Tartar (art. 30.) being won-
derous good against *Hypochon-*
driack *Melancholy*, *Tartarous*
slime, chiefly in the Stomach,
Obstructions of the Liver,
Spleen, Mesentery, &c. Dose
à ʒj. ad ʒj.

62. *Pilulæ Pestilentialis Compo-*
Y y 4 site,

sita, Pills Pestilential Com-
round.

R *fine Aloes* ℥i. *Saffron*, *Myrrh*,
A. ℥j. *Zedoary*, *Gentian*, *A.* ℥j.
Rhubarb ℥ii. *Agarick* ℥j. *Venice*
Treacle ℥iv. with which mix the
other things in powder.

Salmon.) They are held by
some as a great secret, being ve-
ry good against all kinds of Ma-
lignity, they strengthen the head,
brain, memory, stomach, and in-
deed the whole body, ease pains
in the Bowels, quicken the Sight,
Hearing, and other Senses, resist
Crudities and Putrefaction, pow-
erfully open Obstructions and
provokes sweat: for preservati-
on give a Pill of 6, 8 or 10 grains
every day: for cure give ℥j and
then sweat.

63. *Pilula Arthriticae Schefferi*,
Scheffers Gout Pills.

R *Resin of Fallow* ℥ss, *Essence*
of Rhubarb ℥ii. *Round Birthwort*
Div. *Gentian*, *Tartar Vitriolate*,
A. ℥j. *Diagrydium Div.* *Magiste-
ry of Steel* ℥j. with *Essence of Sena*
make a mass.

Salmon.) They cure Catarrhs,
Gouts, Dropsies, Cachexies, the
Green sickness, and open all
manner of Obstructions. expel-
ling Flegm and watery humors.
Dose ℥j.

64. *Pilula febrifuga Schefferi*,
Scheffers Pills against Fevers.

R *Species of Hiera Picra*, *Resin*
of Fallow, *A.* ℥ii. *Fecula of Aron*,
Essence of Rhubarb, *Xyaloos*, *Gentian*,
Centory the less, *red Roses*,
Diagrydium, *Tartar Vitriolate*, *A.*
℥j. *Oyl of Citrons*, *gut. vi.* with
Essence of Sena, make a mass of
Pills.

Salmon.) The Title shews the
Intention, being chiefly used a-

gainst intermitting Feavers, cru-
dities and obstructions of the
Stomach, Liver and Spleen; they
kill Worms, and purge Choler
and Flegm. Dose ℥j.

65. *Pilula Uterinae Schefferi*,
Scheffers Pills for the Womb.

Take Species of Hiera simple ℥ss
Extract of Asarabacca, *Gentian*,
Biribwort, *Elecampane*, *Myrrh*,
Dittany, *Madder*, *Saffron* *A.* ℥ss
with *Syrup of Mugwort* make a
mass.

Salmon.) They cleanse the
Womb, facilitate the Birth, bring
away the After-birth, and pro-
voke the Terms. Dose ℥j.

66. *Pilula Polychrestae Clossæ*, *Clos-
sæus* his Pills of many Virtues.

Take Extract of Aloes made with
Juyce of Succory ℥ij, *Extract of*
Colocynthis made with sumitory wa-
ter, *Resin of Scammony in powder*
A. ℥ii, *Saffron*, *Salt of Tartar*,
Myrrh, *Flowers of Brimstone* with
Benjamin *A.* ℥j; mix and make
a mass.

Salmon.) They purge Wind,
Water, Flegm, Choler and Mel-
ancholy, from Head, Stomach,
Bowels, Womb, Reins and Joynts.
Dose ℥j three hours after Sup-
per.

67. *Pilula febriles Schroderi*,
Schroders Pills against Feavers.

Take Extract of Carduus ℥ss, *Ex-*
tract of Centory the less ℥j, *burnt*
Harts-horn prepared, *salt of Worm-*
wood, *A. gr. x.* with *Syrup of Carduus*
make a Dose of Pills.

Salmon.) They are a Specifick
against Feavers, give them two
or three hours before the fit, and
sweat upon them.

68. *Pilula Bechica*, Pills against
a Cough.

Take Spanis Juyce of Liquorice,
Frans.

Frankincense A. ʒi. Myrrh, Saffron, Opium A. ʒi: with Syrup of Corn-poppies make a mass.

Salmon.) They stop Coughs and Catarrhs, heal the Lungs, are good against Asthma's and Phthisicks, cause rest and sleep, ease all manner of pains, chiefly of the Gout and Chollick, and are very prevalent against Pleuresies. Dose à gr. vi. ad x.

69. *Pilule Narcoticæ Plateri*, Platers Pills of Opium.

℞ Opium ʒi. dissolve it with a gentle heat in *Aquavita* ʒ ss. then dry it: after add more *Aqua Vita* to soften it, with Oyl of Cinnamon gut. ii. Then ℞ Sugar Candy Cinnamon, A. ʒi. Pepper ʒi. Coriander seeds ʒii. Saffron ʒss. powder them fine, and mix them with the Opium aforesaid, Musk ʒss. and with Syrup of Poppies make a mass: mix all well in a Mortar by beating, and put to it a little Oyl of Ben to keep it moist.

Salmon.) The Virtues are the same with the former, and the Dose the same.

70. *Pilule Benedictæ*, The Blessed Pills.

Take Aloes ʒss. Gum Ammoniacum in fine drops ʒii. Juice of Carduus inspissated ʒi. with Rhenish wine and Carduus water, make a mass.

Salmon.) The Virtues are the same with the Tartar Pills at Sect. 61. Dose ʒi. you may give them both before and after Meals.

Pilule ex Antimonio Hartmani, Hartmans Antimonial Pills.

℞ Glass of Antimony (prepared and sweetned with Spirit of Vitriol) in powder ʒss. Sugar Candy ʒiii. wheat-flower ʒiii. Saffron ʒi. box!

them in water to the thickness of Honey, and so (taking heed that it burn not) till it is like Paste.

Salmon.) They were designed as a Cure for all sorts of intermitting Feavers, taking away the cause radically. Dose to a Child ʒss. to a Man ʒi. just at the coming of the cold Fit.

72. *Pilule Antipodagricæ Horstii*, Pills against the Gout in the Feet.

℞ powders of Ground-pine, Germanander A. ʒii. Centory the less, roots of round Birthwort, Rhapontick, Gentian, seeds of Hypericon, Mans skull prepared A. ʒjss. Succory roots, red Sanders, A. ʒi. with Juice of Ground-pine and Turpentine make a mass.

Salmon.) They are very profitable against the Gout, being taken for forty days together, à ʒi. ad ʒjss. The Essence of Ground-Pine, has been proved to cure the Gout alone.

73. *Pilule Cephalicæ Rhasis*, Head Pills of Rhases.

℞ Coloquintida, Sagapenum, A. ʒvi. Diagrydium ʒii. with Juice of Leeks make a mass.

Salmon.) They cure the Megrim, Head-ach, Vertigo, Chollick and Illiack Passions. Dose ʒss.

74. *Pilule Labdani Horstij*, Pills of Gum Labdanum.

Take Gum Labdanum ʒss. Mastick ʒi. beat them in a Mortar to dissolve, and Troches Albandel ʒiii. Eleaguery of the Juice of Roses ʒss. with Syrup of Roses make a mass.

Salmon.) They are good against the Dropsy, Pox, and Collick. Dose à ʒi. ad ʒi

75. *Pilule Gummosæ Clossii*, Clot.

Cloffeus his gummy Pills.

Take Gum Ammoniacum, Galbanum (dissolved in Vinegar of Squills and strained) A. ℥iii. Aloes, Myrrh, A. ℥ii. Mastick, Saffron, A. ℥ii. Turbith, Agarick, A. ℥iv. Troches Albandel ℥j. Scammony prepared in S. V. ℥ls. Balsam of Peru warmed ℥iiij. mix, adding & precipitated with Gold ℥ii: stir them with a gentle fire, till the Vinegar is evaporated, and it become a mass fit for Pills.

Salmon.) They purge gently, attenuate and evacuate water and flegm, provokes the Terms, cure the Jaundice, Green-sickness, Cachexy, Dropsy, Gout, Quartan Agues, and expel Melancholy: Dose à ℥j. ad ℥ls.

76. *Pilule Marocastine* Mindereri, Pills of Herb Mastick and Costus.

℞ Herb Mastick, Saffron, A. ℥j. Agarick trochiscated, Costus, Myrrh, A. ℥ls. Ammoniacum ℥iii. Rhubarb ℥vi. Xyloaloes, ℥ls. Aloes ℥iiij. Dissolve the Ammoniacum in Vinegar of Squills; wash the Myrrh in Vinegar of Rue, make the fine Aloes into a subtil powder: mix these three together and add juyce of Limons or Citrons ℥iv. to which put the Agarick (made into a pulp with juyces of Parsley, Fennel, and Wormwood, being first sprinkled with Cinnamon-water) as also the Rhubarb so prepared with juyces of Succory, Burnet and Fumitory: then add the powders of the Saffron, Costus and Xyloaloes sprinkled with juyce of Citrons; after which put to them waters of Hops, Borrage, Betony, A. ℥vi. waters of Agrimony, Gout-Ivy, Rosemary, Centory the less, black Charries, A. ℥iv. digest in B. M. three days, then decant, fil-

ter, abstract in B. M. and inspissate to the consistency of Pills: from the sedes with the distilled or abstracted water, make a new extraction, which strain, inspissate, and add to the former.

Salmon.) They strengthen the Head, Stomach, Liver, Spleen, Reins and Womb, cleansing and purging those parts gently from ill, rotten and putrified humors, expelling Flegm, tartarous and watery humors. Dose à gr. xv. ad xxx.

77. *Pilule Familiares*, Familiar Pills.

℞ of *Pilule Aloëphangine* ℥ii. Resin of Jalap ℥i: Crystals of Tartar ℥ls: Resin of Scammony, extract of Rhubarb, A. ℥ii: rectified spirit of salt ℥i: mix, and with Malago wine make a Mass, which form into Pills with a little Oyl of Aniseeds.

Salmon.) They cure Catarrhs, Obstructions of the Head, Stomach, Liver, Spleen, Bowels, Womb and Reins; gently purge thick Flegm, Choller, and putrid humors, purifie the Blood, excite Appetite; and are prevalent against the Dropsy, Scurvy and Gout. Dose à ℥j. ad ℥ls.

78. *Pilule Rosate Mynsichti*, Mynsicht's Rosate Pills.

Take Scammony Rosate ℥s: Mergisters of Jalap and Turbith, A. ℥ii: Tartar Vitriolate ℥j. Adeps Rosarum ℥ls: mix, and with spirit of Roses make Pills.

Salmon.) It prevalently purges Choller, purifies the blood, and evacuates thick Flegm and other gross humors from the Stomach and Joynts. Dose à ℥j ad ij.

79. *Pilula Polychresta Mynsichti*,

ti, Mynsichts Pills of many Virtues.

Take of Mynsichts Polychrest extract (cap. 8. sect. 45. foregoing) Scammony rosate, A. \mathfrak{z} ls: Tartar Vitriolate \mathfrak{z} j: mix, and with Spirit of Aniseeds make a Mass: which form into Pills, your fingers being anointed with Oyl of sweet Marjoram.

Salmon.) It purges all humors, cures Feavers, chiefly Quartan, Hypochondriack Melancholy, the Apoplexy, Epilepsy, Lethargy, and many other affects of the Head, Brain, Eyes, Liver, Spleen, Stomach and Mesentery. It also famously cures the Gout. Dose \mathfrak{Hj} . ad \mathfrak{ij} .

80. *Pilula Melanagoga*, Mynsichti, Pills purging Melancholy.

Take of Indian Pills (at sect. 42.) \mathfrak{z} ls: Lapis Lazuli prepared, Scammony rosate, A. \mathfrak{z} ii: Troches Albandal, extracts of black Hellebor and Jalap, A. \mathfrak{z} ls: Essence of Sena, and Hypericon, A. \mathfrak{z} j. Saffron, Epithymum, A. \mathfrak{z} ls. Indian spicknard, Cloves, A. \mathfrak{H} ls: mix, and with Confectio Alkermes (mixt with a little rose water) make a mass.

Salmon.) They purge Melancholly, and cure Diseases thence proceeding, as Frenzy, Madness, Obstructions of the Spleen, Cancers, Leprosy, Elephantiasis, Quartans Black Jaundice. They purify the Blood from blackness, and restore health. Dose \mathfrak{Hj} ad \mathfrak{z} ls.

81. *Pilula Hydragoga*, Mynsichti, Pills purging watery humors.

Take Turpethum Minerale verum (in lib. 3. cap. 7. sect. 45.) \mathfrak{z} ls:

of the Extracts of black Hellebor, or Coloquintida, ana \mathfrak{z} iii: of Rhubarb, of Elaterium, \mathfrak{z} ii: Masticery of Coral rosate, Jacinth prepared, ana \mathfrak{z} ls: Crocus Metalorum with Wormwood, Cambogia rosate, A. \mathfrak{z} j: sweet spirit of Vitriol \mathfrak{z} ls: mix, and with Oyls of Mace, Cloves, Cummin, and Cinnamon, ana q. s. make a mass.

Salmon.) They are a specifick against the Cachexia, Dropsy, Scabs, Ring-worm, Tartar, Itch, Gout, Yellow Jaundice, French Pox: as also the Cancer, Wolf, Fistula's and the most Malign Ulcers, of what kind, and how old and inveterate so ever. They are also approved against all Feavers whether continual or intermitting, purging both thick and serose humours from all parts. Dose \mathfrak{Hj} ad \mathfrak{z} ls twice a week.

82. *Pilula Splenetica* Mynsichti, Pills for the Spleen.

Take Ammoniacum (dissolved in Vinegar of Squills and boyled to a just thicknes) \mathfrak{z} j: steel prepared with Vinegar of Tamarinds, Extract of Fern root, A. \mathfrak{z} ls: Tartar Vitriolate, fine Aloes, A. \mathfrak{z} ii: Myrrh, Mastick, A. \mathfrak{z} i: Sales of Wormwood and Harts tongue, Centory the less A. \mathfrak{z} ls: Seeds of the Ash-tree, Saffron, A. \mathfrak{H} i: mix, and with thickned juce of Furnitory make a mass.

Salmon.) In all deplorable pains and Obstructions of the Spleen (and also the Liver) these are a wonderful help, for they comfort the Spleen much, taking away the Scirrhus, hardness and humour thereof. Dose \mathfrak{Hj} . ad \mathfrak{z} ls.

83. *Pilula Peruviana* Mynsichti,

fichti, Mynsichts Pill of Cambodia.

Take Peruvian Gum, *i. e.* Cambogia, Mynsichts Panchymagoge extract (in cap. 8. sect. 44.) Crystals of Tartar A. Zls: rectified spirit of Viniol \mathfrak{z} i, mix.

Salmon.) It purges thick flegm and watery humors: is prevalent against the Cachexia, Dropsy, Gour, Sciatica, Scabs, Morpew, Scurf, Yellow Jaundice, Obstructions of Liver and Spleen, Quotidian and Tertian Feavers. Dose à \mathfrak{z} i ad ii.

84. *Pilule Striptice*, The Stip-tick Pills.

Take Spanish juyce of Liquorice \mathfrak{z} ss: Crocus Martis astringent, Caput Mart of Viniol, fine Bole, Harts-horn burnt, Terra sigillata, Bloodstone, A. \mathfrak{z} i: Opiate Laudanum, \mathfrak{z} ii: Mustbroom of the Beech-tree, Rennet of a Hare, Camohir, A. \mathfrak{z} ss: Horse hoof burnt, Juniper-gum, Olibanum, A. \mathfrak{z} i: dissolve or soften the juyce of Liquorice in spiritick water (in lib. 3. cap. 11. sect. 68.) and make a mass of Pills.

Salmon.) They bind much, stop all Fluxes of the Bowels and Womb, Fluxes of Blood and Catarrhs, ease all manner of pains, and cause sleep. Dose à \mathfrak{z} i ad \mathfrak{z} ss.

85. *Pilule ad Uteri suffocationem Penotti*, Pills against fits of the Mother.

Take Extract of Saffron \mathfrak{z} j, and of Cassia \mathfrak{z} ii: Oyl of Angelica gut. vi: mix them.

Salmon.) They are excellent to the invention. and to provoke the Terms. Dose gr. xv. or \mathfrak{z} i.

86. *Pilule Angelicæ G-nulingij*, Grulingius his Angelical Pills.

Take Aloes Succorrina, dissolve in juyce of Violets, strain the dissolution, and inspissate to the thickness of an Extract: dissolve the Aloes again in double their weight of fresh juyce of Violets, which evaporate again to the thickness of an Extract. Or Thus. Take fine Aloes \mathfrak{z} ij, dissolve in Violet water, strain and inspissate, which again dissolve in juyce of Violets \mathfrak{z} ijss: and inspissate to dryness: of which make an Extract with spirit of Wine.

Salmon.) These are those Angelical Pills that Schroder (in his Pharm. l. 2. c. 77. sub calce) says he was forbidden to publish consisting of but two Vegetable Ingredients, being the same so much renowned through all Europe by the name of the Frankfort Pills, and kept for a long time as a great secret. And the Learned and Industrious Horstius says, that a Renowned Physician of Frankfort did protest to him upon Oath, that the latter of the foregoing prescriptions was the true and genuine Recipe of the Angelical Pills, so much both admired and desired by the world. As to their Virtues they are Infinitely safer and pleasanter then Aloes alone, being void of that sharpness, yet retaining all their Sanative Virtues. They cleanse the Stomach and Bowels from corrupt humors, open Obstructions of the Liver, Spleen and Intestines, cleansing them from all their filth; They strengthen the Stomach, and all the Inward parts, yea the whole body, preserving the entire man in health. Dose à \mathfrak{z} i ad \mathfrak{z} ss just at going to Supper: they work not till neer noon the next day: you

you may take ℞i. at a time for twenty or thirty days together.

87. *Pilule Labdani* Paracelsi, Paracelsus his Pills of Labdanum.

Take Gum labdanum ℞j: Species Diaturbeth and Diaphenicon, roots of Betony, A. ℞ii: Venice Treacle ℞j: Saffron ℞ii: Oyl of Cloves ℞s: Diagrydium ℞j. mix, and with Bugloss water make a mass of Pills.

Salmon.) They purge Flegm and watery humors, provoke the Terms, facilitate the Birth, bring away the Afterbirth, and are excellent against the Scurvy, Dropsy, Green sickness, Yellow Jaundice, Kings-Evil, Gout, and other Diseases of the Joynts. Dose à ℞j ad ij.

88. *Pilule Mercuriales* Herculis Saxonie, Mercurial Pills.

Rechoise Rhubarb ℞i℞s: Diagrydium ℞i℞s: Quick-silver (killed with the juce of Limons) ℞s: Musk gr. x. mix, and with a little flower make a mass.

Salmon.) These Pills are those which are commonly called Barbareffe, and Cerulea, chiefly intended for the cure of the Pox: the Dose is ℞j every day for thirty days together. There are some which make them thus: Take Diagrydium ℞j. Gum Guajaci, Quick-silver (killed with juce of Limons) A. ℞ii: Venice Turpentine enough to make them into Pills: of which they give à gr. xv. ad xxv: for thirty days together: and to perform the cure by salivation.

89. *Pilule de Hydrargyro*, Pills of Quick-silver from Horstius.

Take Quick-silver (first killed in juce of Limons, then washed with

juce of Sage) ℞v: fine Aloes ℞v: Rhubarb ℞iii: Diagrydium ℞ii: Agarick ℞j: Storax Calamita, Cinnamon, Mace, Yellow Sanders, Sarsaparilla, Sassafras, Musk, A. ℞ss: Honey (clarified with Decoction of Guajacum, and the Decoction evaporated) so much as may make the Ingredients into a mass of Pills, to which add a little Oyl of Turpentine.

Salmon.) They are designed for the cure of the French Pox, the Gout and the Leprosy: but being often taken they flux the Patient: however they are accounted as a secret. Dose à ℞j ad ℞j: Horst. Pharm. lib. 16. pag. 443, 444.

90. *Pilule purgantes in Lue Venerica*, Purging Pills against the French Pox.

Take Aloes Rosate ℞iii: Extracts of Rhubarb ℞ii. and of Agarick ℞ii: Extract of Kali ℞ss: Venice Turpentine ℞viii: White Amber ℞ss: Liquorice ℞ii: Turbith Mineral ℞viii: Ambergrise ℞j: Cinnamon water, q. s. make a mass.

Salmon.) The Title shews the intention, besides which they are excellent against the Gout and Dropsy. Dose à gr. x. ad xvj.

91. *Pilule ad Luen Venericam*, Pills against the French Pox.

Take the true Turbith Mineral (in lib. 3. cap. 7. sect. 45.) ℞s: Scammony, Extract of Colocythis ℞i: Rhubarb ℞j: Muthridate, conserves of Bugloss and red Roses, Mastich, A. ℞ss: mix, and with Syrup of Damask Roses make a mass.

Salmon.) The Virtues are the same with the former. Dose à ℞i ad ℞ss.

92. *Pilule Probatissima ad Luem*, Approved Pills against the Pox.

Take the species of the Mastich Pills, Venice Treacle, A. $\mathfrak{z}\text{iiij}$: Turbith Mineral, black Hellebor, yellow Myrobolans, and Emblecks, A. $\mathfrak{z}\text{ii}$: Sena, Cremor Tartar, Rhubarb, Agarick, Aloes, A. $\mathfrak{z}\text{j}$: Diagrydium, Gentian, Dittany, A. $\mathfrak{z}\text{ii}$: with Syrup of Stachas q. s. make a mass of Pills.

Salmon.) They effectually cure the French Disease being given $\mathfrak{a}\mathfrak{z}\text{ij}$. ad $\mathfrak{z}\text{i}$.

93. *Pilula ad conservandam sanitatem*, Paracelsi, Pills preserving health.

Rx fine Aloes $\mathfrak{z}\text{ii}$: Myrrh, Venice Treacle, Saffron, A. $\mathfrak{z}\text{i}$: mix, and with Mallago wine, make them into a mass of Pills.

Salmon.) They strengthen and fortifie the Stomach and whole Body, resist Putrefaction and Venom, and preserve the natural œconomy in soundness and vigor.

94. *Pilule ad Memoriam*, Pills to strengthen the Memory.

Rx Anacardium, Calamint, Rosemary, Nutmeg, A. $\mathfrak{z}\text{i}$. Ambergrise $\mathfrak{z}\text{ss}$: Musk, gr. x. mix, and with juice of Marjoram make Pills.

Salmon.) They comfort and fortify the Head and Brain; strengthen the Memory and restore it when lost: they expell Wind also, ease the Chollick, and comfort the Stomach. Dose $\mathfrak{z}\text{j}$.

95. *Pilule Hologore*, The Catholick or Universal Pills.

Rx Resinous Scammony, Colocynthis, Cambogia, A. $\mathfrak{z}\text{i}$: fine Aloes, Gummy Turbith, Hermo-

dafts, A. $\mathfrak{z}\text{vi}$: Elaterium, Resin of Fallap, Sena, A. $\mathfrak{z}\text{iiij}$: Agarick, black Hellebor, Turbith Mineral, A. $\mathfrak{z}\text{ii}$: Salt of Tartar $\mathfrak{z}\text{i}$: make all into fine powder; and with Spanish juyce of Liquorice dissolved in Rose-water, make a mass of Pills.

Salmon.) They purge all humours, and draw them from all parts: cure Feavers, the Scurvy, Dropsy, Pox, and Gour, and perform all whatsoever any purging Medicine can do. Dose $\mathfrak{a}\mathfrak{z}\text{ij}$ ad $\mathfrak{z}\text{ss}$. If you add either the Golden precipitate, Hercules Bovij, or Aurum Vitæ (in lib. 3. cap. 7. Sect. 36, 37, 38, & 39. foregoing) $\mathfrak{z}\text{iiij}$: These Pills will be superiour to any Cathartick yet known.

96. *Pilule-familias nostræ*, Our FAMILY Pills.

Take Extract of fine Aloes $\mathfrak{z}\text{viii}$: Resinous Scammony $\mathfrak{z}\text{iiij}$: Resin of Fallap, Extract of Colocynthis, Cambogia, Extractum Benedictum, ana $\mathfrak{z}\text{ii}$: Tarr Vitriolase, Elaterium, Extract of Saffron, Cloves, Mace, Nutmegs, Castoreum, ana $\mathfrak{z}\text{i}$: Arcanum Coralinum $\mathfrak{z}\text{iiij}$: all being in fine powder (except the Extracts) mix them all together; and with a strong Decoction of Colocynthis, q. s. make a mass of Pills.

Their Virtues. They effectually cure the Scurvy, Dropsy, Gour, Consumption and Scabs; gently purge by stool, Flegm, Cholick, Melancholly and Watery humours; cleanse and sweeten the Blood, rectify the Distemperature of the Head, Stomack, Liver, Spleen, Womb and Joynts; quickens the Senses, clear the Sight,

Sight, add a good Colour to the Face, and make the Body able to withstand Diseases. They being composed of the greatest Purities produce the same effects in Mans Body, being of a friendly quality, and performing their Operations as Nature her self requires: for they sometimes purge gently, sometimes work by Sweat, and sometimes by Urine, and sometimes by all these ways, as Nature her self is disposed to the Action. They are not bound to any particular way of Operation, but that which may best serve Natures ends in the restoring of Health, performing all their Operations with great Safety, Speed and Ease (without griping or making sick, unless the Stomach be very foul) being fitted for all persons of what Age, Sex, and Constitution soever. If there be but little Corruption in the Body, they bring forth but little, if much, they bring forth much; and in persons perfectly well, they will scarcely work at all, because in such they have no Enemy to meet with. They will work no longer than there is Diseasey matter to work on; Thus they seem to make Diseases melt away insensibly. With these Pills we have cured some hundreds of the afore named Diseases, viz. The Scurvy, although of many years standing, when it was accompanied with pains in the Head, Nose, Shoulders, Leggs, Bones, with other pains all over the whole Body, dulness, and heaviness, with reddish or blewish spots &

breakings out in the Skin, weaknels in the Back and Loyns, illness of the Stomach, loss of Appetite, Looliness and Soreness of the Teeth, Throat and Mouth, with a general feebleness and faintness over the whole Body. They cure the Dropsy and Gout beyond Expectation, taking away the water in the one, and the pain in the other, in the greatest of extremities, some of which have been given over as incurable, and others that have gone above a dozen years upon Crutches; without the Disease ever returning again to this day, though now it is many years since. They cure Consumptions, not so much by adding matter, as taking away the Obstructions which hinder the Nutriment from going to its respective parts. And they cure Scabs of what kind so ever, bringing them to a speedy healing, by purging away the evil humors which feed them. In all these cases they carry off the Disease the right way, (answering all the ends and Intentions of purging Physick) by taking them four, five, or six times a Month, and sometimes oftner, as need requires; In so much that in some hundreds of Families, on most occasions they are their only Physick (and from hence they came to be called FAMILY Pills) for as they are safe in Operation, so are they certain (as far as a Medicine may be) in the end proposed, since no person troubled with any of the aforementioned Diseases (if curable) has failed

of cure, who has continued (without delaying of time, or taking of other Physick) the use of these Pills according to our Directions. They that take these Pills need not go under long, dangerous, and chargeable courses of Physick, suffer by bad Medicines, and be driven, time after time, from one Physician to another. The way of taking them, is by swallowing them down alone, or in the pap of an Apple, Honey, or in a stewed Prune, or in a little Syrup, Beer, Ale, Wine or Broth, or you may bruise them, and mix them with a little Syrup or a stewed Prune, as aforesaid, and so take them early

in the morning, or late at night going to bed, without observation of any other order, only taking heed of cold. From 2 years old to 3 or 4, you may give one Pill: from 4 years old to 10, you may give 2 or 3 Pills: from 10 to 16, you may give 3 or 4 Pills: and from 16 years of Age, to 60 and upwards you may safely give 5 or 6 Pills. You may begin with a little Dose first, and so increase it as you find the Body of the Patient is in strength.

There are other Pills, which with all their Compositions, Preparations, Virtues, Uses and Doses you may see in Our Doron Medicum, lib. 20. cap. 23.

CHAP. XXIV.

OF TROCHES.

I. **T**rochisci de Absinthio, Troches of Wormwood.

Colledge.) Take red Roses, leaves of Wormwood, Aniseeds, A. 5. ii. inspissate juyce of Maudlin, roots of Asarabacca, Spicknard, Rhubarb, Parsly seed, bitter Almonds, Mastich, Mace, A. 3j. juyce of Cichory, enough to make Troches S A.

Salmon.) They open Obstructions, and strengthen the Stomach and Liver, easing pains thereof, and are good against old and stubborn Agues, the yellow Jaundice, Indigestion and want of Appetite. Dose a 3j. ad ij. they scarcely Purge, or but very gently.

2. Ag.

2. *Agaricus Trochiscatus*, Agarick Trochiscated.

Colledge.) Take Agarick white and light (sliced thin, poundred and sifted) ℥iij. macerate it in a sufficient quantity of white-wine in which Ginger ℥iij. has been infused, make it into Troches.

Salmon.) But what must conglutinate the Powder? you had best do it either with a little Tragacanth, white Starch or Oxy-mel, moreover you must chuse a serene clear, cold and dry time to make them in, for then they will be white, otherwise pale: for the Virtues hereof see *Agarick, lib. i. cap. 4. sect. 15.*

3. *Trochisci albi Rhafis*, White Troches of Rhafis.

Colledge.) Take Ceruse (washed in Rose-water) ℥x. Sarcocol ℥iij. white starch ℥iij. Gum Arabick and Tragacanth, A. ℥j. Camphir ℥ss. either with Rose-water or Womens Milk, make them into Troches according to Art.

Salmon.) They are made both with and without Opium: when they are used for extream pains, Joubertus thinks Opium ought to be added. These Troches are good against many affects of the Eyes, parts inflamed, pain and heat of Urine, soreness and ulceration of the Yard; for they ease pain, cool inflammations, deterge, stop Fluxions, dry, heal and strengthen: you must use them thus, Take a dram or two of these Troches, powder them, then mix with Rose-water (if for the Eyes) or Poppy-water (if for other intentions) which drop into the Eyes, if sore or inflamed, or inject into the Yard

with a Syringe as need requires:

4. *Trochisci Alexiterij*, Troches resisting or expelling Poyson.

Colledge.) Take Zedoary, powder of Crabs-claws, A. ℥ss. outward peel of Citrons preserved dry, Angelica seeds, A. ℥j. Bole Armoniac ℥ss. Crystalline Sugar; the treble weight of all: make them into a fine powder, and with a sufficient quantity of the Mucilage of Gum Tragacanth in distilled Treacle-water make a paste, of which form Troches.

Salmon.) Their Title shews their Virtues; They strengthen and fortifie the Heart, cheer the Spirits, revive such as are Dull and Melancholy, causing liveliness, chearfulness and gladness: they resist the power of all contagious, infectious and malignant Diseases, and are excellent in the Measles, Small Pox and Plague, both to Preserve and Cure. You may eat them four or five times a day.

5. *Trochisci Albandal*, Troches of Coloquintida.

Colledge.) R pulp of Coloquintida (white and light; freed from the seeds, cut small, and rubbed with an Ounce of Oyl of Roses, then after two days beaten into powder) ℥x. Gum Arabick, Tragacanth and Bdellium, A. ℥vj. steep the Gums for three or four days in Rose-water q. s. or so much as will well dissolve them: then with the aforesaid Pulp, and part of the Mucilage make Troches, which dry in the shadow: beat them up again into powder, and with the rest of the mucilage, make them up again, which dry and keep for use.

Salmon.) Albandal is the Arabian name for Coloquintida : The Virtues you may see at large, lib. I. cap. 6. sect. 28. foregoing.

6. Trochisci Aliptæ Moschatae, The Chyrurgians Troches Musked.

Colledge.) R^e pure Labdanum beaten ℥iii. Storax Calamita ℥iss. Benjamin ℥j. wood of Aloes ℥ii. Ambergrise ℥j. Camphir ℥ss. Musk ℥ss. beat and stir the Labdanum in a Braß mortar with an Iron pestel oyled with beaten Almonds, both being hot, adding a little Rose-water till the Gum is dissolved: then put in the Storax and Benjamin, which stir in like manner, afterwards put in the wood of Aloes in powder: The Camphir, Musk and Ambergrise, dissolve in Rose-water, in another mortar, of the paste when half cold, make Troches S. A.

Salmon.) Aliptes signifies a Chyrurgion, although they may as well serve a Physicians use. These Troches have a wonderful fragraney, are Preservatives against Pestilential infection, and fortifie the Brain and Noble parts: They are used as a Perfume to smell to, and for Perfumes for Cloaths and Linnen, and for Fumigations. Inwardly also they are Pectoral, Cordial and Cephalick, good against Epilepsies, Apoplexies, Vertigoes, Lethargies, Megrims, Asthma's, Phthisicks, fainting and swooning-fits, &c. to Children give à gr. vj. ad viii. to Men to ℥j. or more.

7. Trochisci Alkekengi, Troches of Winter Cherries.

Colledge.) R^e Winter Cherries ℥ii. Gum Arabick, Tragacanth, Olibanum, Pine-nuts, bitter Al-

monds, white Starch, juyce of Liquorice, fine Bolé, white Poppy-seeds, A. ℥vj. seeds of Melons, Cucumers, Citruls, Gourds, A. ℥iiss. seeds of Parsly, white Henbane, white Amber, Terra Lemnia, Opium, A. ℥ii. with juyce of fresh Winter Cherries make Troches according to Art.

Salmon.) These Troches have all the Virtues of Trochisci albi (at Sect. 3.) and to be used in the same manner. Besides which these provoke Urine, break the Stone and expel it, and are very effectual against the Dropsy, carrying it away by Urine. Dose inwardly à ℥ii. ad iv. Here is left out the Dragons Blood ℥vj.

8. Trochisci Bechici albi, vel, Rotulae Pectorales, White Troches for Coughs, or Pectoral Rouls.

Colledge.) Take fine Sugar lbj. white Sugar Candy, Penids, A. ℥vj. Florentine Orrice ℥ss. Liquorice ℥vj. white Starch ℥iss. with a sufficient quantity of the Mucilage of Tragacanth made in Rose-water, form little Troches: you may add as the occasion requires of Ambergrise gr. iv. of Musk gr. iii.

Salmon.) The Title shews their use, being excellent for Children; and if you add the Perfumes, they will be good to sweeten a stinking Breath.

9. Trochisci Bechici nigri, Black Troches for Coughs.

Colledge.) Take Juyce of Liquorice, white Sugar, A. ℥x. Tragacanth, sweet Almonds blanched, A. ℥vj. with a sufficient quantity of the Mucilage of Quince-seeds made in Rose-water, form Troches according to Art.

Salmon.) Either the Colledge

is much mistaken in transcribing of this Composition; or else their Predecessors or they, have been in a very great Error: for in the old Book the juyce of Liquorice and white Sugar was but ℥j. in this it is ℥x. how shall we find where the fault is? These Troches are to be held in the mouth till they melt, against Coughs, Colds, Hoarsness, Asthma's, and want of Voice; they may be carried about one, in ones Pocket, without hurting them, to be used as occasion requires. They are excellent against spitting of Blood. The oftener they are taken, the more good they will do.

10. *Trochisci de Berberis*, Troches of Barberries.

Colledge.) *R* Infusate jnyces of Barberries and Liquorice, shavings of Ivory, seeds of Purslane, *A.* ℥iii. red Roses ℥vj. Indian Spicknard, Saffron, white Starch, Tragacanth, *A.* ℥j. seeds of Citruls cleansed, ℥iiis. Camphir ℥ss. Take Tamarinds ℥ii. boyl them in Rose-water ℥ii. in the straining dissolve Manna ℥ii. then add the pouders, and make Troches according to Art.

Salmon.) They are excellent to quench Thirst, cool the heat of Feavers, and stop hot Catarrhs; they are grateful to the Stomach, and cool the heat of the Reins and Bladder.

11. *Trochisci de Camphora*, Troches of Camphir.

Colledge.) *R* Camphir ℥ss. Saffron ℥ii. white Starch ℥iii. Red Roses, Gum Arabick and Tragacanth, shavings of Ivory, *A.* ℥ss. seeds of Cucumers cleansed; seeds of Purslane, Liquorice rasped, *A.* ℥j. with mucilage of Fleawort-seeds, in Rose-

water, make Troches according to Art.

Salmon.) They are cooling and Anodyne, abate the heat of Feavers, quench Lust, and are prevalent against the Plague and other malign Diseases; as Measles, Small Pox, Spotted Feaver: they cure spitting of Blood, the bloody Flux, Whites in Women, and a Gonorrhea; they cool the Stomach and Liver, and are good against Phthicks, Asthma's, Coughs, Hecticks, and the Jaundice. Dose à ℥j, ad ii.

12. *Trochisci de Caparibus*, Troches of Capers.

Colledge.) Take Bark of Capers-roots ℥vj. seeds of Agnus Castus, Gum Ammoniacum, *A.* ℥ss. seeds of Cresses and Nigella; leaves of Calamint and Rue; Roots of Acorns and long Birchwort, infusate juyce of Maudlin, bitter Almonds, *A.* ℥ii. Harts tongue, roots of round Cyprus, Madder, Gum lac, *A.* ℥j. all being beaten, with Gum Ammoniac (dissolved in the sharpest Vinegar, and boyled to the thickness of Honey, make Troches S. A.

Salmon.) They are good against the Rickets in Children, Hypochondriack Melancholy in Elder Persons, and the Green sickness in Virgins; for they open Obstructions of the Liver, Spleen and Mesentery; expel Wind, warm the Stomach, and cause good Appetite. Dose to Children ℥j. to Men from ℥ss, to ℥iss. in a morning fasting.

13. *Trochisci de Carabe*, Troches of Amber.

Colledge.) Take of Amber ℥j. Harts-horn burnt, Gum Arabick burnt, red Coral calcined, Traga-

canth, Acacia, Hypocistis, Balau-
stians, Mastich, Gum lacca washed,
black Poppy-seeds roasted, A. ℥ii. ℞j.
Frankincense, Saffron, Opium, A.
℥ii. with a sufficient quantity of
the Mucilage of seeds of Flea-wort
in Plantane-water, make Troches
according to Art.

Salmon.) They are Scryptick, and
invented to stop Fluxes of Blood
in any part, as at the Nose, spitting
Blood, pissing Blood, bleeding of
the Piles, Fluxes of the Terms, &c.
Dose à ℞j. ad ℥ss.

14. *Trochisci Cytheos pro Mithri-
dato*, Sweet scented Troches for
Mithridate.

Colledge.) Take Pulp of fat Rai-
sons, Cyperus Turpentine, A. ℥iii.
Myrrh, Scenanth, A. ℥ss. Cinnamon
℥ss. Calamus Aromaticus ℥iii. Roots
of round Cyperus, of Indian Spick-
nard, Cassia Ligna, Juniper-ber-
ries, Bdellium Aspalathus or Xylo-
aloes, A. ℥ss. Saffron ℥j. clarified
Honey, as much as is sufficient, Ca-
nary wine a little; let the Myrrh
and Bdellium be beaten in a Mortar
with the wine, to the thickness of
liquid Honey, to which add the Tur-
pentine, after the pulp of the Rai-
sons, then the powders: lastly, with
the clarified Honey, being well boiled
make a mass, of which form Troches.

Salmon.) They are intended
for the Composition of Mithri-
date, and so chiefly used; but they
expel wind, provoke Urine and
the Terms, open Obstructions,
strengthen the Head, Brain, Sto-
mach, Liver and Spleen, resist
malign and pestilential Diseases,
heal Phthisicks and Ulcers in the
Lungs or any other part of the
Body. Dose à ℞j. ad ℥j.

15. *Trochisci de Eupatorio*,

Troches of Maudlin.

Colledge.) Take juyce of Mau-
dlin made thick, Calabrine Manna,
ana ℥j. red Roses ℥ss. Spodium of
Ivory ℥iiss. Indian Spicknard ℥iii.
Rhubarb, Asarabacca Roots, Ani-
seeds, A. ℥ii. let the Nard, Ani-
seeds, and Roses be beaten together:
the Spodium, Asarabacca and Rhu-
barb be powdered apart, then by
mixing the Manna and juyce of
Maudlin together, adding the pow-
ders, with new juyce make it into
Troches.

Salmon.) They open Obstruc-
tions of the Liver and Spleen, and
take away the hardness and swell-
ing thereof; good against Ca-
chexies, Green-sickness, Dropsies,
Melancholy, black and yellow
Jaundice, Dose à ℥j. ad ii.

16. *Trochisci de Gallia Moscha-
ta*, Musketed Troches of Weed of
Aloes.

Colledge.) Take Wood of Aloes
℥v. Ambergrise ℥iii. Musk ℥j. with
Mucilage of Tragacanth in Rose-wa-
ter, make Troches S. A.

Salmon.) They are an Anti-
dote against malignant Diseases,
strengthen the Head, Brain, Heart
and Stomach, comfort all the
Spirits natural, vital and animal,
and cause a sweet Breath. Dose à
℞ss, ad ℞j. or more.

17. *Trochisci Gordonij*, Gordo-
nius his Troches.

Be of the four Greater cold seeds
husked, seeds of white Poppy, of Mal-
lows, of Cotton, of Purslane, of Quin-
ces, of Myrtle-berries, Gum Arabick
and Tragacanth, Pistach-nuts, Sn-
gar Candy, Penids, Licorice clean-
sed, Barly husked, Mucilage of Flea-
wort seeds, sweet Almonds blanch-
ed, ana ℥ii. fine Bole, Dragons
blood,

blood, Spodium of Ivory, red Roses, Myrrh, A. ʒi. with a sufficient quantity of Hydromel make Troches S.A.

Salmon.) They are cooling, Styptick, and Narcotick; good against spitting Blood, Catarrhs, and Fluxes of Salt Rhumes, overflowing of the Hæmorrhoids, Terms and Whites, pains of the Head, Stomach, Bowels, Reins, and Bladder, Ulcers of the Lungs, Guts, or Bladder, as also a Gonorrhœa Simple or Virulent. Dose ʒj.

18. Trochisci Hedychoi Galeni ad Theriacam, Beautifying Troches of Galen.

Colledge.) Take of Asplathus or yellow Sanders, leaves of Marjoram and Mastich, roots of Asarabacca, Rhapontick, Cistus, Calamus Aromaticus, Xyloloes, Cinnamon, Schænanth, Opobalsamum, or Oyl of Nutmegs expressed, A. ʒiij. Cassia Lignea, Indian leaf or Mace, Indian Spicknard, Myrrh, Saffron, A. ʒvj. Amomum, or Cardamoms the less ʒi. Mastich ʒj. Canary Wine a sufficient quantity. Dissolve the Myrrh in the Wine, then add the Mastich and the Saffron well beaten, then the Opobalsamum, then the other things reduced into powder, and with assused Wine make little thick Troches, which gently dry in an Oven, after the bread is drawn.

Salmon.) They have their name from causing a good colour in the Face, which they give by opening Obstructions of the Liver and Spleen, and strengthening the Stomach, they expel Wind, fortify the Heart, revive the Spirits; help digestion, and resist Poyson and all malign Diseases: Dose ʒi ad ʒj

ʒj. they are seldom used alone.
19. Trochisci Hysterici, Troches for the Womb.

Colledge.) Take Assætidæ, Galbanum, A. ʒiij. Myrrh ʒj. Castor ʒi. Roots of Asarabacca, long Birthwort, leaves of Savin, Featherfew, Nep, A. ʒi. Dittany ʒi. Macerate the Gums in juyce or decoction of Rue, strain and add Honey boyled to a thicknes: add the rest in fine powder and make Troches S.A.

Salmon.) They are excellent against Fits of the Mother, they cleanse the Womb, provoke the Terms, and bring away both Birth and After-birth. Dose ʒi ad ʒj.

20. Trochisci de Ligno Aloes, Troches of the Wood of Aloes.

Colledge.) Take Xyloloes, red Roses, A. ʒij. Mastich, Cinnamon, Cloves, Indian spicknard, Nutmegs, Parsnip-seed, Cardamoms the greater and lesser, Cubebs, Gallia Moschata, Citron peels, Mace, A. ʒi. Ambergriſe, Musk, A. ʒi. with Honey of Raisons make Troches.

Salmon.) They strengthen the Heart, revive the Spirits, expel Wind, give ease in the Cholick, warm and comfort the inward parts, fortify the Liver, provoke Urine, and help a stinking breath. They are good also against malign and contagious Diseases. Dose ʒi ad ʒj or more in a Morning fasting:

21. Trochisci de Myrrha, Troches of Myrrh,

Colledge.) Take Myrrh, ʒiij. meal of Lupins ʒr. Madder roots, leaves of Rue, Horsemint, Dittary of Crete, Cummin-seed, Assætidæ,

Sagapenum, Opopanax, A. Zij. dissolve the Gums in wine, where in Mugwort has been decocted, or else Juniper-berries, and by the addition of the other things, with juice of Mugwort, make Troches, S.A.

Salmon.) The Virtues are the same with Troches Hysterick at Sect. 19. and may be given in the same Dose: They bring down the Terms with ease to such as have them with pain.

22. *Sief de Plumbo, Sief, or Eye Troches of Lead.*

Colledge.) Take Lead burnt and washed, Brass burnt, Antimony, Tutia washed, Gum Arabick and Tragacanth, A. Zij. Opium Zij. beat, sift, and with Rose-water, make Troches according to Art.

Salmon.) It is designed against Distempers of the Eyes, to heal Ulcers, dry up Rhumes, take away Redness and Inflammations, ease pain, and clear the Sight of any thing offending it: dissolve it in Rose-water or Poppy-water, and wash the Eyes therewith, afterwards blow in some of the fine powder of the Troches with a Quill.

23. *Trochisci Polydia seu Sphragus Andromachi, Sealed Troches,*

Colledge.) Take Pomgranate flowers Zijij. Roch Alum Zijij. Frankincense, Myrrh, A. Zij. Calcanthum Zij. Bulls-Gall Zvj. Aloes Zij. with austere Wine, or juice of Night shade or Plantaine, make Troches S.A.

Salmon.) They dry up, and heal Ulcers, cleansing them of their Putrefaction, and are also good in Wounds; causing a speedy healing.

24. *Trochisci Ramich, Mesue, Perfumed Troches of Rhases.*

Colledge.) Take Juice of Sorrel Zxxvj. juice of red Roses Zij. of unripe Grapes Zvij. of Myrtle berries Zij. boyl them gently together and strain, to which add green Cypress, Nuts or Galls, finely beaten Zijij. boyl them again a little, then sprinkle in these following things in fine powder, Take red Roses Zij. Yellow Sanders Zx. Gum Arabick Zij. Pulp of Sumach-berries, Spodium of Ivory, A. Zij. Juice of Myrtle-berries Zij. Xyloaloes, Cloves, Mace, Nutmegs, A. Zij. mix all diligently, and spread them upon a stone, that they may dry; beat them again into powder: and make small Troches with Camphir Div. and a sufficient quantity of red Rose-water which perfume with Musk gr. xvij.

Salmon.) They stop all sorts of Fluxes of the Bowels, proceeding from either Slipperiness or Sharpness of humors, stops Bleeding in any part, chiefly the Bloody flux: They comfort and strengthen the Heart, Stomach, and Liver: you may take them three or four times a day Zij or iij at a time.

25. *Trochisci de Rhabarbaro, Troches of Rhubarb.*

Colledge.) Take choise Rhubarb Zx. Insipissate juice of Mandlin, bitter Almonds, A. Zij. red Roses Zijij. Roots of Asarabacca, of Madder, of Indian Spicknard, leaves of Wormwood, seeds of Anise and Parsly, A. Zij. with decoction of Wormwood made in Wine, or clarified juice of Mandlin, make Troches, S.A.

Salmon.) They cleanse and strengthen the Liver, Spleen and Bowels,

Bowels, evacuate Choler, Blegm, and watery Humors, cure the Cachexy, Green-sickness, Dropsy, and yellow Jaundice. Dose \dot{a} Zij ad Zijss or ij. in Syrup of Cichory with Rhubarb.

26. *Trochisci de Santalō, Troches of Sanders.*

Colledge.) Take of the 3 sorts of Sanders, A. Zij. seeds of Cneumers, of Gourds, of Citrons, of Purslane, Spodium of Ivory, A. Zijss. red Roses Zij. juice of Barberries Zij. fine Bole Zijss. Camphir Zij. with Purslane water make Troches.

Salmon.) They stop Catarrhs, and all sorts of Fluxes both of the Bowels and Womb; are good against Consumptions, Hecticks, Coughs, and a Gonorrhœa; they cool, allay Choler, quench Lust, and help spitting of Blood. Dose \dot{a} Zijss. ad iij.

27. *Trochisci de scilla ad Theriacum, Troches of Squills for Treacle.*

Colledge.) Take a squill full and white, and of a middle bigness, gathered in the begining of July after that the leaves and stalke are dried up, taking away the outward rind, and the hard part to which the small roots stick; wrap it up in a past made of wheat meal, and bake it in an Oven till the said paste is dry, and the squill tender, which you may know by piercing it with a wooden stick pointed (or rather a bodkin) take it out of the paste and beat it diligently in a Mortar, adding to every pound of the squill Zij. of the Meal of Orobis or Red Cicers: Then make it into Troches, Zij a piece in weighe (your hands being anointed with Oyl of Roses) dry them on the top of the house on the South-side in the shadow, often

turning them till they are thoroughly dried, and keep them in a pewter or glass Vessel.

Salmon.) These are made for an Ingredient into Treacle; the Virtues are the same with the Squill, Wine of Squills, Vinegar of Squills, and Honey of Squills.

28. *Trochisci de Spodio, Troches of Spodium.*

Colledge.) Be red Roses Zij. Spodium of Ivory Zijss. seeds of Sorrel Zij. of Purslane and Coriander (macerated in Vinegar and torrifed) Pulp of Sumach, A. Zijss. white Starch tost-ed, Balaustines, Barberries, A. Zij. Gum Arabick roasted Zijss. with juice of unripe Grapes, make it in Troches.

Salmon.) The Virtues and Dose are the same with Troches of Sanders, at Sect. 26.

29. *Trochisci de Terra Lemnia, Troches of Earth of Lemnos.*

Colledge.) Take Terra Lemnia, or sealed Earth, fine Bole, Acacia, Hypocistis, Gum Arabick tost-ed, sanguis Draconis, white Starch tost-ed, red Roses, and the Antheræ or yellow seeds (as some call them) within the flowers, Blood stone, red Coral, Amber, Balaustians, Spodium of Ivory, Purslane-seeds a little torrifed, Olibanum, Hartshorn burnt, Cyperus nuts, Saffron, A. Zij. seeds of black Poppies, Tragacanth, Pearls, A. Zijss. Opium prepared Zij. with juice of Plantane make Troches.

Salmon.) They were invented to stop Fluxes of Blood in any part, and to cool Inflammations, having all the Virtues of Laudanum, but not altogether so powerful; yet in stanching of Blood I think them the better Medicine: for the Bloody flux or spitting of Blood take them in Pou-

der to ʒss. or more every Morning in a Glass of Alicant, or mixt with Conserve of Roles: for Bleeding at Nose, Flux of the Terms, or Pissing Blood, dissolve them in Poppy-water, or inject with a Syringe. They are excellent in a Gonorrhœa (after due evacuations) strengthen all the internal parts, kill Worms, cause a sweet Breath, are good against malign and pestilential Diseases, and the bitings of venomous Creatures, For their other Virtues see *Labdanum* afore said, and Troches of Sanders.

30. *Sief de Thure*, Eye Troches of Frankincense.

Colledge.) *Rx Frankincense, Lapis Calaminaris, Pompholigos, A. ʒx. Ceruse ʒv. Gum Arabick, Opium, A. ʒvi. with fair water, or mucilage of Fenugreek-seed, make Balls, which dry and keep for use.*

Salmen) *Sief* is an Arabian name, and generally given by them to all Medicines appropriated to the Eyes. This Medicine is excellent for bleared, sore, rheumatick, hot, red and inflamed Eyes, &c. Let the Patient scrape a quantity of it into a fine rag, and tie it up in a Nodule, then dip it into white Rose-water (or Poppy-water which is better) and therewith wash or bathe the Eyes; or you may mingle half a dram of it in powder with the white of an Egg, beaten with a little Rose-water, and so spread it upon rags, or fine heards of flax, and lay it over the Patients Eyes when he lies down to sleep.

31. *Trochisci de Viola solutivi*, Troches of Violets.

Colledge.) *Take Violet flowers moderately dried ʒi. Turbith ʒiſs.*

juice of Liquorice, Scammony, Manna, A. ʒii. beat the Violets well, then add the Manna and juice of Liquorice, after the Turbith and Scammony in fine powder, which being well mixt, with a small quantity (if need require) of Syrup of Violets make Troches.

Salmon.) They purge Choler, Flegma and watery humors from the Head, Lungs, Stomach, Bowels, Womb and Joynts. They kill Worms in Children, expel Wind, give ease in the Chollick, cure the Cachexy, Green-sickness, Scurvy, Dropsy, Jaundice, Gout, Kings-Evil, &c. and are very profitable for such as have the *Lues Venerea*. They have no ill Taste, & therefore may be given to Children to eat, especially such as have great Bellies: They are fit for such persons as can take no other Physick, and may be carried about in Journeys, not being subject to spoiling as Syrups, Electuaries, Pills, &c. are. Dose to Children ʒi. to stronger Persons and Rusticks ʒss. ad ʒj.

32. *Trochisci de Vipera ad Theriacam*, Troches of Vipers for Treacle:

Colledge. *Take of the flesh of Vipers (the Skin, Entrails, Head, Fat and Tail being taken away, boiled in water with Dill and a little salt) ʒviii. white Bread twice Baked, Grated and Sifted ʒiii. make them into little Troches, your hands being anointed with Opobalsamum or Oyl of Nutmegs by expression; dry them on a sieve, turning the bottom upwards in an open place, often turning them till they are well dried, then put them into a Glass or Stone Pot glazed*

and well stopped. They will keep a year, yet 'tis much better to be made use of for Treacle not long after their making.

Salmon.) This is an ill way of making of Troches of Vipers: for by this boiling a great part of their volatile Spirit and Salt is lost: Your better way will be, having skin'd them, to dry them with their Hearts, Livers, and Bones, then being thoroughly dried to cut them into bits, and in a great Brass or Iron Mortar to beat them into powder, which being searfed, may with the Mucilage of Gum Tragacanth in Alicant or Tent be made up into little Troches. Being thus made, they are quick'n'd and ennobled with their own volatile Salt, by which their virtues are convey'd through all the pores of Mans Body, even to the most remote parts. They are intended as an ingredient for Treacle, but they are singular in curing Consumptions, Hecticks, Pthificks, wastings and decays of Nature, Barrenness, Plague, Poyson, bitings of Vipers, or any other venomous Creature. They cure Scabs, Itch, Bitches, Boils, Tettars, Erysipela's, Morpew, Scurf, and in particular the Leprosy, and Elephantiasis; for the constant use of them for some time changes the natural state, & as it were renovates, or renews the whole Man to a wonder. They are Sudorifick in operation, yet sweat not (unless given in a large Dose) but cure Diseases insensibly: Dose ʒi. ad ʒi. They quicken the sight, cause a good color, are pectoral; and as some

(with great confidence affirm) perfectly cure the French Pox.

33. *Trochisci Virci* five *Agni Casti*, Troches of Agnus Castus.

Colledge.) Take seeds of Agnus Castus, of Lettice, red Roses, Balsamians, A. ʒi. shavings of Ivory, white Amber, fine Bole (washed in Knotgrass water) ʒii. Plantane seeds Div. Sassafras wood ʒii. with mucilage of Quince-seeds in water of Water-lilies, make Troches.

Salmon.) They are said to cause Chastity; stop a Gonorrhœa, flux of the Whites and Terms in Women, having the Virtues of the Troches of Sanders. They stop bleeding in any part. Dose ʒss. ad ʒi. Morning and Evening in Conserve of Roses.

Troches left out in the New Dispensatory.

34. *Trochisci Alexiterij Renodæi*, Troches resisting Poyson.

Colledge.) Take Roots of Gentian, of Tormenil, of Florentine, Orrice, Zedoary, A. ʒii. Cinnamon, Cloves, Mace, A. ʒss. Angelica Roots, Coriander seeds prepared, Roses, A. ʒi. dried Citron peels ʒii. beat all into powder, and with juice of Liquorice softened in Hippocras ʒvi. make them into soft paste, which form into Troches or Rouls.

Salmon.) They resist and expel Poyson, are good against the Plague and all pestilential Feavers, comfort and strengthen the Heart, revive the Spirits, and help Bainting and Swooning fits. Dose ʒss. or ʒij. Morning and Evening in a Glass of Canary or Alicant.

35. *Trochisci de Aniso Mesua*, Troches of Aniseeds.

Col-

Colledge.) *R* Aniseeds, *juyce* of Maudlin inspissate, *A.* ʒij. seeds of Dill, Spicknard, Mastich, Indian leaf or Mace, leaves of Wormwood, Asarabacca, Smallage, bitter Almonds, *A.* ʒss. Aloes ʒij. *juyce* of Wormwood so much as is sufficient to make it into Troches S.A.

Salmon. (They open Obstructions of the Liver, expel Wind, comfort the Stomach, and cure Agues. Dose à ʒi ad ij.

36. *Trochisci Diarrhodon Mesuæ*, Troches of Roses.

Colledge.) Take red Roses ʒvj. Spicknard, Xyloloes, *A.* ʒij. Liquorice ʒij. Spodium ʒi. Saffron ʒss. Mastich ʒij. make them up into Troches with White Wine, according to Art.

Salmon. Authors say they are good against Complex and inveterate Feavers, pains in the Stomach, &c. Dose à ʒi ad ij.

37. *Trochisci de Lacca*, Troches of Gum Lacca.

Colledge.) *R* Gum Lacca cleaned, *juices* of Liquorice, of Maudlin, of Wormwood, of Barberries (all inspissated) Rhubarb, long Birthwort, Castus, Asarabacca, bitter Almonds, Madder, Anise, Parsly, Schenanath, *A.* ʒj. with the decoction of Birthwort, Schenanath, or *juyce* of Maudlin or Wormwood, make them into Troches S.A.

Salmon. They open Obstructions of the Lungs, Stomach, Liver, Spleen, Mesentery, Womb, Reins and Blader, disperse Wind and provoke Urine. Dose ʒjss.

38. *Pastilli Andromis ex Galeno*, Cakes of Andron, from Galen.

Colledge.) *R* Pomgranate flowers ʒx. Copperas ʒxij. unripe Galls, Birthwort, Frankencense, *A.* ʒj.

Alum, Myrrh, *A.* ʒss. Misy ʒij. with red Wine ʒxviij. make Troches according to Art.

Salmon. They cleanse, dry, and heal all manner of old Sores, Ulcers, Fistula's and green Wounds; take away excrescencies, and cure an inveterate Gonorrhœa; dissolve them in Poppy water, and inject the Water into the Yard with a Syring, but be careful that it be not too sharp; in external Sores, wash with the Water, and strew the Ponders on them

39. *Trochisci Musæ ex Galeno*, Troches of Musa, from Galen.

Colledge.) Take Alum, Aloes, Copperas, Myrrh, *A.* ʒvj. Crocogramma, Saffron, *A.* ʒij. Pomgranate flowers ʒiv. White Wine and Honey of each enough to make them up into Troches according to Art.

Salmon. The Virtues and use of these are the same with the former.

40. *Crocogramma Damocratis* a Galen, Damocrates his Troches of Saffron.

Colledge.) Take Saffron ʒi. red Roses, Myrrh, *A.* ʒss. White Starch, Gum Arabick, *A.* ʒxxx. Wine enough to make it into Troches.

Salmon. They are an Antidote against Pestilential Diseases, fortify the Heart, revive the Spirits, and expel the Measles and Small-Pox. Dose ʒj.

41. *Trochisci rosarum rubrarum*, Troches of red Roses.

Colledge.) Take red Roses ʒss. Xyloloes ʒij. Mastich ʒjss. Roman Wormwood, Cinnamon, Indian Spicknard, Cassia, Eigne, Schenanath, *A.* ʒj. Old Wine and decoction of

the five opening Roots, enough to make them into Troches, S. A.

Salmon.) The Virtues and uses are the same with Trochisci Diarrhodon, at sect. 36.

42. Trochisci Diacoralion, Troches of Coral.

Colledge.) Take fine Bole, red Coral, A. ʒj. Balaustians, Terra Lemnia, white starch, A. ʒss. Hyocistis, Henbane seeds, Opium, A. ʒij. juyce of Plantane so much as is sufficient to make them into Troches according to Art.

Salmon.) The Virtues and uses are the same with Troches of Agnus Castus, at sect. 33.

43. Trochisci Diaspermaton, Troches of Seeds.

Colledge.) Take seeds of Parsly and Bishops-weed, A. ʒj. seeds of Anise and Fennel, A. ʒss. Opium, Cassia Lignea, A. ʒii. with Rain water make Troches, S. A.

Salmon.) These are also of the same nature with the former: they both stop Fluxes, ease pain, help the Cholick, and dissipate Pleurisies. Dose ʒi ad ij.

44. Pastilli Hemoptoici, Cakes against spitting of Blood.

Colledge.) Take white starch, Balaustians, Earth of Samos, Hyocistis, Gum Arabick, Saffron, Opium, A. ʒij. with juyce of Plantane make Troches S. A.

Salmon.) The Title shews the Virtues, besides which they stop bleeding at Nose, the Hemorrhoides, flux of the Terms, & the Whites, having all the Virtues of the three former. Dose ʒss. ad ʒss. in Conserve of red Roses.

45. Trochisci Agarici, Troches of Agarick.

Colledge.) Take choice Agarick

ʒiij. sal Gem ʒvi. Ginger ʒij. with Oxymel simple, a sufficient quantity make it into Troches.

Salmon.) They have all the Virtues of Agarick, which you may see lib. i. cap. 4. sect. 15. foregoing, where also you may find a better way of making these Troches.

Troches added by the Author.

46. Trochisci pro sumo, Troches for a Perfume.

Take yellow Sanders, red Roses, Cloves, Cinnamon, A. ʒvj. Benjamin ʒjss. Storax Calamita ʒj. powdered Sugar ʒxij. with mucilage of Gum Tragacanth in Rose-water make Troches.

Salmon.) They are good against ill scents and Pestilential Airs.

47. Trochisci pro sumo cum Moscho, Troches for a perfume with Musk.

R Benjamin lbj. Storax Calamita ʒvij. red Roses ʒx. Xyloaloes ʒss. Cloves, yellow Sanders, A. ʒij. white Sugar ʒviij. Musk, Civet, A. ʒss. with Mucilage of Gum Tragacanth in Rose-water make Troches.

Salmon.) They are an excellent Perfume, and of great use in Pestilential times.

48. Trochisci de Moscho, Troches of Musk.

Take Musk (ground with Rose-water) ʒj. white Sugar ʒvj. Starch ʒv. rub them in a Mortar, and with Mucilage of Gum Tragacanth (in Rose-water ʒj) make small Troches of gr. ij. in weight.

Salmon.) They comfort the Brain and Animal Spirits, and held

held in the Mouth, cure a stinking breath.

49. *Trochisci Cordiales Mynsichti*, Mynsichts Cordial Troches.

Rx white sugar Candy \mathfrak{z} viii. Confectio Alkermes \mathfrak{z} i. the five precious stones prepared, A. \mathfrak{z} j. Oyls of Cloves and Cinnamon, A. \mathfrak{z} ss. with Mucilage of Gum Tragacanth in Rose-water make Troches.

Salmon.) They comfort and revive the Heart, are good in languishing Diseases; cherish the Spirits, and refresh the whole body. Dose \mathfrak{a} \mathfrak{z} iiij. ad \mathfrak{v} j.

50. *Trochisci Foviales Mynsichti*, Mynsichts Troches of Tin.

Take Magistery of English Tin, Mother of Pearl, red Coral, A. \mathfrak{z} j. rectified Oyl of white Amber \mathfrak{z} j. with mucilage of Gum Tragacanth in Hyssericke water make Troches weighing \mathfrak{z} j. a piece.

Salmon.) Mynsicht says, They cure fits of the Mother to a wonder. Give them in some hyssericke water one or two in an hour in the morning for 3 days.

51. *Trochisci Glycyrrhizæ Mynsichti*, Mynsichts Troches of Liquorice.

Rx white sugar Candy and sugar Penids, A. \mathfrak{z} iv. Spanish juyce of Liquorice \mathfrak{z} x. species Diatreas simple, Diarrhodon Abatis, Diamargariton frigidum, A. \mathfrak{z} i. the four greater cold seeds, Alipra moschata, Lac sulphuris, A. \mathfrak{z} ss. mix and with mucilage of Aleha roots in Violet water make Troches.

Salmon.) They are excellent Pectorals, good against Coughs, Colds, Hoarseness, Asthma's, Obstructions of the Lungs excelling other Remedies of like kind.

52. *Trochisci Prophylactici Beck-*

coldi Rivii, Preservativer Toches

Rx fine Bole (washed in juyce of Citrons and dried) \mathfrak{z} j. red Coral prepared \mathfrak{z} ij. shavings of Hartshorn \mathfrak{z} j. Amber \mathfrak{z} ij. Roots of Tormentil Burner, Masterwort, Angelica, A. \mathfrak{z} j. Cinnamon \mathfrak{z} iv. Zedoary, Cloves A. \mathfrak{z} ij. Saffron \mathfrak{z} j. mix and make a subtil powder. Rx of this powder \mathfrak{z} ij. Mithridate \mathfrak{z} j. Oyls of Cinnamon and Angelica, A. gut. j. white sugar \mathfrak{z} iiij. with Mucilage of Tragacanth in Angelica water make Troches.

Salmon.) They are both a preservative and cure against the Plague, and all pestilential and infectious Diseases. Dose \mathfrak{a} \mathfrak{z} ad \mathfrak{z} iiij.

53. *Morsulli Martiales Mynsichti*, Steele Morsels.

Take filings of Iron (prepared in juyce of Tamarinds) \mathfrak{z} j. Cassia Ligna, Galanga the less, Cloves, A. \mathfrak{z} j. Mace, Saffron, A. \mathfrak{z} j. Oyl of Cinnamon \mathfrak{z} ss. white Sugar dissolved in Wormwood and Centory water \mathfrak{z} viii. mix and make a Confect.

Salmon.) They are good against all Obstructions of the Head, Stomach, Liver and Spleen; are Cordial, strengthen the Heart, restore in Consumptions, provoke the Terms, & are good against the Green-sickness. Dose \mathfrak{a} \mathfrak{z} ij ad \mathfrak{z} iiij. in a Morning fasting.

54. *Morsulli de Citrio*, Morsels of Citrons.

Rx flesh of Citrons, Citron peels candied and cut A. \mathfrak{z} j. Oyl of Citrons gr. xii. juyce of Citrons clarified q.s. Sugar (dissolved in Citron water) \mathfrak{z} xvi. make Morsels.

Salmon.) They are excellent good Stomaticks and Cordials, expel Wind, and help Digestion

The

The way of making Morsels is this: Dissolve Sugar in a proper water, and boyl it to a consistence, so that it may be hard when cold, which you may know by dropping it upon a stone, then mix the pouders therewith by degrees, stirring them well; put it out while melted, upon a Marble to be cold and hard, which cut into Morsels: In purging Morsels you may take instead of Honey, Manna. The proportion of either is six or eight times as much of them as of the other Ingredients, as they are more or less pleasant: Morsels made of Kernels and Seeds ought first to be brought to an Emulsion, in which you may dissolve the Sugar. If you use distilled Oyls, put them in last, or drop them upon the Lozenges, &c.

55. *Morsulli Peſtorales*, Peſtoral Morsels.

℞ Pine kernels, blanched Almonds A. ℥iv. seeds of Melons, Cucumers, Gourds, A. ℥ii. Diarrhodon ℥iv. Masticery of Pearl ℥j. Sugar (dissolved in the Emulsion of the Kernels and Seeds) ℥xvj. make Morsels.

Salmon.) They cure Diseases of the Lungs, and restore in Hecticks and Consumptions.

56. *Morsulli Diagrydij*, Morsels of Diagrydium.

℞ Cream of Tartar ℥iii. Rosin of Scammony ℥ss. Sugar (dissolved in Rose-water) ℔j. make Morsels.

Salmon.) They purge Choler, and are good against the Scurvy, Dropſie, Jaundice and Gout, Dose ℥ss.

57. *Morsulli Mechoacanne*; Morsels of Mechoacan.

℞ Conserve of Violets ℥j. Mecho-

acan, Turbith, A. ℥ss. Scammony ℥ii. Species of Diatrageanth frigidum ℥ss. Oyls of Cinnamon and Anise, A. gut. v. Sugar (dissolved in Fennel-water) ℥xiv. make Morsels

Salmon.) They purge Choler, Flegm and watery Humours and have all the Virtues of the former, being much more powerful. Dose ab ℥ss. ad ℥j.

58. *Rotulæ Imperiales Mynſchti*, Imperial Roults.

℞ Conſectio Atkermes ℥ss. Pearls prepared ℥j. Ambergrise ℥j. Musk ℥ss. white Sugar (dissolved in Rose-water) ℥viii. mix and make Roults according to Art.

Salmon.) They comfort the Head, Brain and Memory; strengthen a cold and trembling Heart, are good against Epileptick; Apoplectick, Lethargick, Fainting and Swooning Fits: as also the Vertigo, pain of the Head and Rhumatick Eyes.

59. *Rotulæ Peſtorales*, Peſtoral Roults.

℞ white Sugar ℥j. flōs Sulphuris with Benjamin ℥ii. Ambergrise, gr. vi. Musk gr. ii. Oyl of Fennel, gut. iij. Gum Tragacanth dissolved in Scabious water, q. s. mix and make a mass for Roults.

Salmon.) They cure Coughs, Asthma's, Phtisicks, Ulcers and all other Diseases of the Lungs: Where note, that Roults are made the same way as Morsels, saving that they are smaller and must have fine pouders: the Proportion of Sugar is eight times as much; in purgers four times: and when you use distilled Oyls, rake to every four drops of Oyl an Ounce of Sugar. They are made also of Juyces and

and Sugar, by mixing and boiling to a consistency: but if they are made of four juices, as of Citrons, they are not boyled, but only mixed.

60. *Rotule Diacymini Mynschti*, Rouls of Cummin-seeds.

Take Species *Diacymini*, *Dianisi*, *A. ʒss*. *Diamoschu dulce*, *Diambra*, *A. ʒj*. Balsam of Sulphur anisated, Oyl of Fennel-seed, *A. ʒj*. Oyls of Oranges and of Mace, *A. ʒss*. white Sugar (dissolved in water of wild Time) ʒxxvj: mix and make Rouls.

Salmon.) They powerfully expel Wind, help the Cholick, and all cold affects of the Head, Stomach and Bowels: are good against the Vertigo, Cough, Asthma, Cardiac passion, Quartans, pains of the Liver and Spleen, Cachexia, Hypochondriack Melancholy, want of digestion, &c. Dose à ʒii, ad iv.

61. *Rotule de Berberis*, Rouls of Barberries.

Take white sugar in powder ʒbj. beat it gently, then add juice of Barberries, and make them into Rouls without boyling.

Salmon.) They are Pectoral, strengthen the Stomach, and stop Vomiting.

62. *Rotule propteris*, Rouls for Children.

Be Mans skull levigated ʒii. & dulcis six times sublimed, Rosin of Fallap, *A. ʒj*. Pearls prepared ʒii. Confessio Alhermes ʒss. Oyl of Cinnamon, gut. iv. Sugar (dissolved in Scordium water) ʒiv. make them into Rouls.

Salmon.) They cure the Epilepsy (especially that coming from wounds) and kill worms. Dose ʒss.

63. *Rotule Succolatæ*, Chocolate, commonly sold in Coffe-Houses.

Be Cacao Nuts N° DCC. Cods of long red Pepper, N° xiv. Aniseeds ʒj. Cods of Campeche or Logwood N° vii. Roses of Alexandria, N° xlii Almonds, Haste-nuts, *A. N° lxxxiv* Cinnamon ʒii. Achiotte, or in it stead Narmegs enough to give it flavor, white Sugar ʒiijss. mix, and make a mass, *S. A.* which form into Rouls, weighing half a pound a piece.

Salmon.) They were invented to comfort and cherish languishing Nature, and restore in HeDicks and Consumptions: It is a good Pectoral Medicament and prevalent against many Diseases of the Lungs. The way of using it is thus: Take Milk a quart, of this Confect ʒiii to which add the Yolks of two Eggs and a little Sugar: the Milk being almost boyling hot, with a Milkienelo, stir them about till they are thick: a dish of this with sliced Manchet is a good Breakfast. Where note, some instead of Milk use only Water, some only Wine, as Tent, Alicant, Canary.

64. *Succolata vera*, The true Chocolate.

Be Cacao Nuts freed from their shells ʒbj. pure fine loaf Sugar, as much (but some take but three quarters of a pound) beat altogether in a warm Mortar with a warm Pestle, or roul it in a stone with a stone pin fitted for that purpose, till it becomes a paste, and will not stick, but becomes shining and oily: then put it into moulds prepared for that Intention, till it becomes cold and hard, and keep it for use.

Salmon.) The Virtues and Use are the same with the former.

To these may be added others, the which you may see in our *Doronic Medicum lib. 2. cap. 24.*

Of Compound External Medicaments.

Liber Quintus.

CHAP. I.

Of LOTIONS.

Aqua Arthritica Quercetani, Quercetan's Gout Water.

Re Rain water in which Copper and Iron have been often quenched; add Glas of Antimony, and Mercurius Dulcis, ana p^{ss}.

Salmon.) It has been approved for easing all sorts of pains, repelling humors, and resolving Tumorous matter.

2. Aqua Arthritica Raici, Raicis his Gout-water.

Re Aqua Albadid ℥ii. Lavage water (distilled with Bole and Terra Sigillata) ℥j. Laudanum of Sublimate, or rather \varnothing dulcis and strong Vinegar macerated together, ℥iij. Crocus Metallorum \mathfrak{z} j.

Salmon.) Bathe the part pained with it, morning and evening, applying Stuphes wet thereto in the same. This Aqua Albadid is made by steeping filings of Iron in water, and then distilling it: thus, lay the filings in a moist

place, and distil a water from them in the Full Moon with a Glass Still; then lay them open to the Air, and distil again: this water is of the nature of Sal Armoniack, and may be given in less quantity.

3. Aqua ad Verrucas, A water against Warts.

Re Sal Armoniack, Roman Vitriol, Verdigrease, A. \mathfrak{z} ii. Alum \mathfrak{z} j. Calx Vive \mathfrak{z} ss. distil them in a glass Alembick, the Flegm comes first, which cast away, the Spirit follows, which reserve.

Salmon.) It takes away Warts and Corns, by often touching them therewith.

4. Aqua ad Rugas, A Water against Wrinkles.

Re roots or leaves (being fresh) of Bryony, Figs, A. make a Decoction in water.

Salmon.) Wash the face with it Morning, Noon and Night.

5. Aqua ad Impetigines, A water

ter against Ring-Worms, and Scabs.

R water of sharp pointed Dock *℥iv*. Borax *℥i* common Salt *℥j*. Vinegar of Squills *℥j*. mix them.

Salmon.) It is excellent against all manner of Scabs, Ulcers, Ring-worms, Tetter, Morphew, and other Deformities of the Skin.

6. *Aqua ad maculas*, A Water against Spots of the Skin.

R rectified S. V. *℥iv*. Rosemary flowers *℥ii*. digest 24 hours: then distil or decant.

Salmon.) Wash the Spots with it six or seven times a day for some days: inwardly taken *℥ss*. at a time, cures most Diseases of the Head, Stomach, Heart and Womb.

7. *Aqua ad delenda Variolarum Vesigia*, A Water against the marks of the small Pox.

R Rose-water, juice of Limons, A. *℥viii*. sublimate *℥ii*. whites of Eggs *Nº* *℥v*. mix all well; digest in the Sun for eight days, then keep it for use.

Salmon.) It cures and takes away not only the marks of the Small Pox, i. e. the discolouring thereof, but all other Spots and Pimples whatsoever; but beware it troubles not the Eyes and Teeth.

8. *Aqua Ophthalmica*, An Eye-water.

R white Vitriol *℥ii*. Bay-berries husked *℥iii*. Rose and Fennel water A. *℥vj*. boyl them at a gentle fire in a Glass body, to the consumption of half, then add Camphir *℥iii*. filter them.

Salmon.) It takes away Films, Spots, Pearls, and other things which dim the Sight.

9. *Aqua Visum conservans*, A Water preserving the Sight.

R Myrrh *℥j*. Aloes *℥ii*. Saffron *℥j*. Frankincense, Ginger, Sarcocol Camphir bruised, A. *℥j*. Rose-water *℥vj*. digest and keep them for use.

Salmon.) Wash the Eyes with it morning and evening.

10. *Aqua Ophthalmica Brunus*, The Eye-water of Brunus.

Take white Wine, or Rhenish which is better, white Rose-water A. *℥ss*. Aloes in powder *℥j*. dissolve and keep it for use.

Salmon.) It clears the Eye-sight, takes off Films, and is good against their itching.

11. *Aqua Ophthalmica Quercetani*, Quercetan's Eye-water.

Take Fennel or Eye-bright water *℥vj*. Crocus Metallorum *℥ii*. digest.

Salmon.) It takes away all suffusions, clouds, pearls, &c. and cures sore Eyes.

12. *Aqua ad oculorum tenebrositatem*, A water against darkness of the Sight.

Take Benjamin, *℥j*. pure Honey *℥ss*. Fennel and Rue-water, A. *℥j*. Marjoram water *℥j*. mix and distill in a glass Still.

Salmon.) Washing twice or thrice a day with this water, has made such see, as have been quite blind.

13. *Aqua Ophthalmica Schroderi*, Schroder's Eye-water.

R waters of Eye-bright, Fennel Vervain, A. *℥iii*. juices of Celandine, Rue, A. *℥ii*. long Pepper cloves, Nutmegs, Saffron, A. *℥j*. Rosemary-flowers M. ss. Sarcocol. loes, A. *℥iii*. Gall of a Partridge cut and bruise them; add Sugar *℥j*. Honey of Roses *℥j*. put them into

glafs Alembick; and distill them in B. M. with a gentle fire; to every ounce of this water put spirit of Tartar rectified ℥j. and keep it for use.

Salmon.) Experience hath oftentimes confirmed; that being dropt into the Eyes two or three times a day, it cures Suffusions or Catarrhs, Pearls, Films, and other Defects of the Sight.

14. *Aqua Ophthalmica nostra*, Our Eye-water.

Take Rose water ℔xii. whist Vitriol ℥j. ℥ii. mix and digest ten days: filter, then digest again ten days more, filter, and add saccharum Saturni, ℥iss. Camphir ℥iii. digest again 20 days, then boyl, filter, and keep it for use.

Salmon.) We have made many see which have been blind several years with Films, Pearls, and other things which obfuscated the sight, by barely washing the Eyes therewith 4 or 5 times a day for some time: It cures all manner of Eyes, blood-shot, rheumatick, or sores, for which it is to be esteemed as a Jewel: It has also a great gift and power to heal and dry up all manner of Sores and Ulcers in any part of the Body, chiefly the privy parts of Man or Woman.

15. *Aqua Ophthalmica Viridis*, A green Eye-water.

℞ Verdigrise ℥ii. yellow Orpiment ℥j. white wine, Rosewater, A. ℥v: let them boyl and leave the liquor upon the sices.

Salmon.) It cures the Pin and Web, being dropt into the Eyes.

16. *Lac Virginis* Schroders, Virgins Milk of Schroder.

Take waters of Nightshade, Lettice, Water-Lilies, Sorrel ana ℥ii,

mix, and dissolve therein Licharge of silver ℥j. Cernise ℥iii. Camphir ℥j. let them settle, then filter or strain.

Salmon.) Schroder says, it makes women fair and beautiful, takes off Scabs, stops bleeding, and makes a wrinkled brow smooth.

17. *Aqua faciem dealbens*, A water to whiten the face.

Take roots of Aron, as much as you please, bruise them, and sprinkle them with Rose water q. s. and dry them in the Sun or a sand heat for 3 or 4 days, beat them to powder and use them with Vinegar of Roses.

Salmon.) Some lay the Body of the Impalpable powder on the Skin, (being first washed purely clean) others only wash with the Vinegar, but both are good.

18. *Errhinum Liquidum Cratonis*, A Liquid Errhine of Craton.

℞ Gith seed ℥j. macerate them four days in Vinegar of Roses; then powder them, and mix with water and juce of Marjoram A. ℥iii.

Salmon.) Errhines are made in divers forms as of a Liquor, Powder, Liniment, Bolus, &c. This here is a Liquor; being put up the Nostrils it purgeth the Head of Flegm, Wind, and Water, and eases the pains thereof.

19. *Errhinum Liquidum Horstii*, A Liquid Errhine of Horstius.

Take of the juyces of Beet Roots, and Leaves of sweet Marjoram, A. ℥j. juyces of Sea Coleworts and Sowbread A. ℥ss. mix them.

Salmon.) You may use ℥ss. at a time in the morning; it purges strongly by the Nose all watery humours.

20. *Errhinum Montanii*, An Echine of Montanus.

Take juyce of Beets $\mathfrak{z}\text{ii}$. Marjoram water $\mathfrak{z}\text{ii}$, Oyl of Almonds $\mathfrak{z}\text{i}$, mix with chicken broth.

Salmon.) It brings away Catarrhs by the Nose, and helps noise in the Ears.

21. *Epithema Hypnoticum Mynsichti*, An Epithem causing sleep.

Take Damask Rose-water, Lettice-water, A. $\mathfrak{z}\text{iv}$, Opium $\mathfrak{z}\text{j}$, Saffron $\mathfrak{z}\text{ss}$, the Bryer-sponge $\mathfrak{z}\text{j}$, mix and dissolve.

Salmon.) Dip linnen cloths in the same, and apply them to the temples, after they have been first bathed therewith: An Epithem is any thing laid to a part liquid or hard; but it is usually a Liquid thing applied to the place with a Sponge, Clout, or Stuph.

22. *Epithema Cardiacum*, An Epithem for the Heart.

Take waters of Roses, Poppy, Elder, Lettice A. $\mathfrak{z}\text{ss}$. Vinegar of Roses, Rue, A. $\mathfrak{z}\text{ii}$, Venice Treacle $\mathfrak{z}\text{ij}$, sal pranelæ, Mithridate A. $\mathfrak{z}\text{j}$. Saffron, Camphir, A. $\mathfrak{z}\text{ss}$.

Salmon.) Laid to the Wrists, Temples, Stomach, and Feet, it is excellent against all malignant Feavers, cures Head-aches, and causeth rest.

23. *Epithema Hepaticum*, An Epithem for the Liver.

Take Rose water, water of Poppy, Purslane, Plantane, Sorrel and Endive, A. $\mathfrak{z}\text{iv}$, Poppy-seeds, $\mathfrak{z}\text{ss}$. Troches of Camphir $\mathfrak{z}\text{j}$. Saccharum Saturni $\mathfrak{z}\text{ij}$, with Vinegar make an Epithem.

Salmon.) Applied, It cools the heat of the Liver and Blood; and applied hot to the Liver, it stops bleeding at the Nose.

24. *Epithema Cephalicum*, An Epithem for the Head.

Take strong Cinnamon water, Spirit of Rosemary flowers, Chamomel water, Vinegar of Roses A. $\mathfrak{z}\text{j}$, mix them.

Salmon.) Applied to the Head it eases pains coming of cold, and causes rest.

25. *Diachysma ad dolores Dentium*, A water for the Tooth-ach.

Take Pepper, white and long, Cubebs, cloves-acre, bark of the Mulberry-tree, Mandrakes A. $\mathfrak{z}\text{j}$. Roots of Pellitory of Spain, Opium A. $\mathfrak{z}\text{ii}$, bruise, dissolve, and boyl in white wine $\mathfrak{lb}\text{ss}$. to $\mathfrak{lb}\text{j}$; strain and add Vinegar, $\mathfrak{z}\text{il}$.

Salmon.) It eases the pain in a moment, being held in the mouth: Where note, that *Diachysma* properly signifies a mouth water.

26. *Diachysma ad Gingivas*, A water to wash the Gums.

Take water of Pilewort twice distilled $\mathfrak{z}\text{iv}$, Alum burnt $\mathfrak{z}\text{j}$, filter them.

Salmon.) It cleanses the Gums of putrefaction and filth, and is prevalent against the Scurvy in the Gums; more especially if you add juyce of Scurvy-grass $\mathfrak{z}\text{j}$, Honey of Roses $\mathfrak{z}\text{ss}$. Oyl of Sulphur gut. xvi.

27. *Diachysma ad scorbutum*, A water against the Scurvy in the Gums.

Take Scurvy-grass, winter-green, Brook-lime, Water-creffes, Tarragon, A. M. j. roots of round Birthwort, Elecampane A. $\mathfrak{z}\text{j}$. Rhubarb $\mathfrak{z}\text{ss}$. Bay-berries $\mathfrak{z}\text{vj}$. Ginger $\mathfrak{z}\text{ii}$, Saffron $\mathfrak{z}\text{j}$, make a gross ponder, steep it two days in old Ale $\mathfrak{lb}\text{ii}$, then boyl and strain.

Salmon.) It is prevalent against Scurvy in the Mouth and Gums, and heals their bleeding, if often washed therewith, and taken morning and evening inwardly the quantity of two ounces.

28. *Diaclyma frigidum*, A cooling mouth water.

Take live Crabs N^o. vii, Housleek l. iv. beat them and strain out the Juice.

Salmon.) It cools burnings and inflammations in the Mouth and Gums.

29. *Gargarismus ad inflammationes*, A Gargle against Inflammations.

Take Poppy and Plantane waters, ℥ss. Rose and Sorrel water, A. ℥ss. clarified Juice of Self-heal ℥ii, Diamoron ℥vi, Sal Niter ℥iv, make Gargle.

Salmon.) It takes away inflammations of the Mouth, Jaws and Throat, cools, dries and heals, and is excellent against Sores and Ulcers.

30. *Gargarismus de Prunella*, Gargle of Self-heal.

Be waters of Self-heal, Poppy, A. ℥ii, Diamoron, Syrup of dried Rose, A. ℥j. Spirit of Vitriol or rather sulphur, ℥ss. mix them.

Salmon.) 'Tis good against Quins, sore Throats, Cankers in the Mouth, heat and inflammations, swelling of the Gums, and whinns and fastens the Teeth.

31. *Gargarismus sambucinus*, A Gargle of Elder Roots.

Be bark of Elder roots ℥j, Galan ℥ss. Pellitory of Spain ℥ii, Bero, Organy, Marjoram, Baym, A. j. Cubebs ℥ss, Mustard-seed ℥j,aisons M. j. boyl them in Wine or water, to ℥ij, strain, add Oxymel of

Squills ℥ii, and make a Gargarism.

Salmon.) It draws out flegm and water from the Head, Brain, Eyes, Nose, Throat, Jaws, Teeth, and all the adjacent parts.

32. *Gargarismus de Glycyrrhiza Myrsichtri*, A Gargle of Liquorice.

Take Liquorice rasped ℥j, white Dogs-turd ℥ii. rock Alum ℥j, boyl them a little in Rose, Poppy, and self-heal water, A. q. s. strain, and take thereof ℥ij, Rhenish wine ℥iv, Diamoron, Dianthus, A. ℥ss. mix and make a Gargarism.

Salmon.) In desperate Quinsies and other Diseases of the Mouth and Throat it is of singular use, if it is oftentimes in a day applied.

33. *Gargarismus Lacteus*, Mynsichti, A gargle of Milk.

Take Cows Milk bot from the Cow ℥ii, Album Græcum ℥ss. Honey of Roses two Spoonfulls, Verdigrise ℥ss, boyl them a little, then strain it out for use.

Salmon.) It is an excellent thing against the Quinsiey, Tumors, and pains of the Mouth, Jaws, Tonsils, &c. cleanses and heals Ulcers: Gargarize with it often.

34. *Gargarismus de Auricula Jude Mynsichti*, A gargarism of Jews Ears.

Take Barley bull'd ℥ss Jews Ears cut ℥ii, Spanish Juice of Liquorice ℥ss, red Holly hock flowers ℥i, boyl a little in Plantane water; strain, and to ℥ij thereof add Syrup of Violets ℥ii, Niter ℥j; mix and dissolve for a Gargle.

Salmon.) It humects, cools, and asswages Tumors, and helps most distempers of the Teeth, Jaws, Tongue, Mouth, Tonsils,

and Throat, coming of hot, dry, putrid, sharp humors. It is also good in burning, continual, and malignant Fevers.

35. *Gargarismus de Pyrethro Mynsichti*, A Gargle of Pellitory of Spain.

Take roots of Pellitory of Spain $\mathfrak{z}\text{ii}$, Ginger, Olibanum, \mathcal{A} . $\mathfrak{z}\text{iss}$. red Sage, Henbane seeds bruised, \mathcal{A} . $\mathfrak{z}\text{j}$. long Pepper, Opium, \mathcal{A} . $\mathfrak{z}\text{ij}$. boyl in Wine Vinegar lbj , then strain for a Gargle.

Salmon.) It is a great Anodyne, and gives present ease in all pains of the Teeth.

36. *Lixivium Benedictum Mynsichti*, Mynsicht's Blessed Laver.

Take ashes of Juniper wood, red Mugwort, Broom, Bran-stalks, Worm-wood, \mathcal{A} . $\mathfrak{z}\text{j}$. and with a sufficient quantity of Rhenish Wine make a Laver.

Salmon.) It removes water between the flesh and the skin, is profitable against the Dropsie, and purges potently watery humors by Urine; wash the parts affected outwardly often times in the day, and take it inwardly every morning fasting: ab $\mathfrak{z}\text{ii}$. ad iii .

37. *Lixivium sapientie Mynsichti*, Mynsicht's Laver of the wise.

Take roots of Avens, Pellitory of Spain, Alarabacca, \mathcal{A} . $\mathfrak{z}\text{j}$. Missletoe of the Oak, Olibanum, yellow Amber, \mathcal{A} . $\mathfrak{z}\text{iss}$; leaves of Rosemary, Marjoram, Bawm, Organy, red Sage, Bays, \mathcal{A} . $\mathfrak{z}\text{ii}$, flowers of Lavender, Berony, red Roses, Cowslips, \mathcal{A} . $\mathfrak{z}\text{j}$. boyl them in a sufficient quantity of the former Lixivium, and keep it for use.

Salmon.) It is profitable against all cold and moist Diseases of the

Head and Brain, as Vertigo, Megrims, Apoplexies, Lethargies, loss of Memory, Catarrhs, Falling-sickness, &c. washing the Head, Temples, Nerves, and Spine therewith, and taking of it inwardly once or twice a week, so it purges the Head and whole Body excellently.

38. *Lixivium Cephalicum Mynsichti*, A Cephalick Laver.

Take Sena $\mathfrak{z}\text{vi}$, Orrice root, Caraway seeds, \mathcal{A} . $\mathfrak{z}\text{iii}$, Eye-bright with the flowers, Pervain, Marygold, Ram, Rosemary, Sage, Origanum, \mathcal{A} . $\mathfrak{z}\text{ii}$. Agarick $\mathfrak{z}\text{iss}$. flowers of yellow Stachas, of Camomel, of Roses, wall-flowers, \mathcal{A} . $\mathfrak{z}\text{j}$. mix, bruise, and boyl in the blessed Laver.

Salmon.) It comforts the Head, Brain, Nerves, Eyes, and all the Senses; and is very powerful against an inveterate Head-ache. Wash the parts afflicted three or four times a week therewith.

39. *Lixivium Diureticum Mynsichti*, A Laver provoking Urine.

Take Flax leaves with the flowers, Broom with the flowers, Dandelwort (the whole Plant) leaves and branches of Elder, burn them to ashes, and with Rhenish wine make a clear Laver.

Salmon.) It is a Secret in the Dysuria and Ischuria, and cures the Dropsie by Urine. Dose \mathfrak{z} or iiij .

40. *Lixivium Tartari Mynsichti*, Mynsicht's Laver of Tartar.

Take white Tartar $\mathfrak{q}\text{s}$. calcine till it is black; and with raw water make a Lixivium, in which afterwards boyl Orange peel, then strain, and keep the Laver for use.

Salmon.) Being drunk eve

lay for some time, it dissolves and insensibly expels the Stone and other tartarous Mucilage, whether in the Reins or Bladder. Dose a Spoonful.

41. *Balneum Artificiale Mynsichti*, An Artificial Bath.

℞ yellow Sulphur ℔iij. Sea Salt, roots of Pyrethrum, A. ℔j. white Tartar, Niter, A. ℔ss. Juniper and Bayberries, A. ℥vij. Earth-worms washed with spirit of Wine and dried) ℥vi. leaves of Rosemary, Sage, Marjoram, Lavender, Hyssop, ground Pine, Tyme, A. ℥j. flowers of Chamomil, Mullein, Melilot, Hypericon, A. ℥ss. boyl them in water enough to make a Bath.

(Salmon.) It is good against Lameness and the Palsie, warms the Nerves, drys, strengthens, and restores lost motion (universal and particular evacuations being premised:) but it ought to be often repeated.

42. *Balneum contra sterilitatem Mynsichti*, A Bath against Barrenness.

℞ roots of Madder, Parsly, Polyody, Valerian, A. ℥iii. seeds of wild Rue, Darnel, A. ℥ii. green Juniper berries ℥iss. leaves of Motherwort, Mother of Time, Bawm, Mugwort, Fumitory, Marjoram, Lavender, Agrimony, Melilot, Mullein, Calamint. Chamomil, Organy, A. ℥j. bruise and make a Bath by boyling in water.

(Salmon.) Let the person sit in the Bath in a Bathing Tub, as hot as they can endure it, repeating it every day for fifteen or twenty days, abtaining all the while from Venery: It is an approved thing for the intention.

43. *Balneum stypticum Mynsichti*, A styptick Bath.

℞ raw Alum ℔ii. roots of Plantane, Tormenil, water-flag, Bistort, A. ℥vi. Bark of the roots of Acacia, Pomgranate Peels, Galls, A. ℥iv. red Roses, Balaustians, leaves of Shepherds-purse, Sage, Yarrow, Burnet, A. ℥j. make a Bath with water.

(Salmon.) Let Women that have too great a flux of the Terms bathe herein once a day for an hour or two, and in a few days it will stop them; if also you dissolve in the Bath white Vitriol ℥ij. Saccharum Saturni ℥iii. and bath in like manner, it will not only stop the flux of the Terms, but of the Whites also.

44. *Balneum Hypnoticum Mynsichti*, A Bath provoking Sleep.

℞ roots of Mandrakes, Henbane, Purslane, A. ℥i. leaves of Violets, Melilot, Lettice, Night-shade, Dill, A. ℥ss. white Poppy-heads with the seed, N^o. xij. flowers of Lillies, Mullein, Camomil, Roses, A. ℥ii. mix, and with water make a Bath.

(Salmon.) It causes sleep by Bathing the feet therein.

45. *Balneum contra Menstruorum suppressionem Mynsichti*, A Bath to provoke the Terms.

℞ red Mugwort (the whole Plant) ℥iv. roots of Angelica, Madder, Parsly, Asparagus, A. ℥ii. seeds of Stone-Parsly, Bay and Juniper-berries bruised, red Myrrh, A. ℥iss. leaves of Centory the less, Savin, Penny-royal, Fennel, Mother of Tyme, Bawm, Wormwood, German-der, Horehound, Pellitory, Nep, Herb Mercury, R semary, A. ℥j.

A a 3 boyl

boyl them all in a sufficient quantity of River Water, in a large Vessel, to the consumption of a third part, and put it into a bathing Tub for use.

Salmon.) Let the Patient sit

therein for half an hour or an hour or more, as she can indure it: then let her go from thence, (being dried in a sheet) to her Bed, repeating the Bath four or five times a Week.

CHAP. II. Of OYLS.

I. Simple Oyls by Infusion or Decoction.

1. *Oleum Rosaceum Omphacinum*, Oyl of Roses Omphacine.

Colledge.) By red Roses (not yet ripe) exungulated, and bruised in a stone Mortar with a Wooden Pestle ℥iv . Oyl Omphacine several times washed ℔i . expose them in a glass c^{se} stopped, to a hot sun, for a whole Week, shaking them every day; then boyl them gently in a bath: press them out, and put in fresh, doing in like manner, which repeat a third time, and keep the Oyl upon one pound of juyce of Roses.

Salmon.) It cools and strengthens, and eases pain proceeding from a hot cause. It stops the flux of Humors, cools the Head and Stomach, and extinguishes an Erysipelas.

2. *Oleum Rosaceum Completum*, Oyl of Roses Compleat.

Colledge.) It is made in the same manner of sweet and ripe Oyl, often washed, and red Roses fully blown, bruised, set in the Sun, and gently boyled in a double Vessl, but so that the third infusion may

stand in the Sun forty days: then keep the Oyl and Roses together without expression.

Salmon.) It has the Virtues of the former, but is less cooling and binding.

3. *Oleum Absinthites*, Oyl of Wormwood.

Colledge.) After the same manner is prepared Oyl of Wormwood, of the Tops of common Wormwood thrice repeated ℥iv . and ripe Oyl ℔iij . only the last time put in ℥iv . of the juyce of Wormwood, which evaporate away by gentle boyling.

Salmon.) It warms, comforts and strengthens the Stomach and other parts, causes Digestion, opens Obstructions, and kills worms: It is excellent against affects of the Liver and Spleen, expels Wind, helps the Cholick, and warms Paralytic Members.

4. *Oleum Anethinum*, Oyl of Dill.

Colledge.) It is made of Ripe Oyl ℔i . flowers and leaves of Dill ℥iv . thrice repeated.

Salmon.) It is good against Convulsions and Cramps, eases pains of the Head, Nerves and Joynts, strengthens the Stomach, is emollient, discutient, and resolute.

5. *Oleum de Castoreo*, Oyl of Castoreum.

Colledge.) It is made of Castoreum \mathfrak{zj} . Oyl \mathfrak{lbi} . Generous Wine \mathfrak{lii} . infuse the Castoreum in powder two days in the Wine, then add the Oyl, boyl to the Consumption of the Wine, and strain it.

Salmon.) It helps all cold Diseases of the Head, Brain, Back, Nerves, Bowels, Stomach, Womb, Joynts, or any part of the body: helps Noise and Deafness being dropt into the Ears, and strengthens a feeble body, being anointed every morning from the Head to the bottom of the Back-bone for twenty or thirty days together. It is good against the Rickets, Convulsions, Palsy, Lethargy, and other Diseases of the Brain.

6. *Oleum Chamemelinum*, Oyl of Camomil.

Colledge.) Oyl of Camomil which many call holy) is made of ripe Oyl and fresh Camomil flowers the little white leaves being taken away) cut, bruised and the Vessel covered with a single Linnen cloth, set in the Sun and pressed out, and brice (as aforesaid) repeated.

Salmon.) It is Anodyne, prevalent against pains of the Head, Belly, and Reins, gives ease in the Cholick, Gout, Pleurisy, Stone, pains of the Sides and Nerves, and abates the fits of the Ague: use it outwardly, or a Clysters as occasion requires.

7. *Oleum Cherinum*, Oyl of Wall flowers.

Colledge.) It is made of the Wall flowers, and ripe Oyl, as Oyl of Dill.

Salmon.) It is Anodyne, strengthens the Nerves and Joynts, and is good against the Palsy, Cramp, and Gout.

8. *Oleum Cydoniorum*, Oyl of Quinces.

Colledge.) It is made of Oyl of Omphacine p. vi. flesh and juyce of Quinces, (freed from the seeds) A. p. i. set them in the Sun 15 days in a Glass Vessel; and after boyl them four hours in a double Vessel: press them out, and repeat this operation twice more with new flesh and juyce.

Salmon.) It strengthens the Stomach, is good against the Disease Cholera, the Lientery and Dysentery, stops Vomiting, Looseness and Sweating; cools, dries, and strengthens.

9. *Oleum Enulatum*, Oyl of Elecampane.

Colledge.) It is made of ripe Oyl, the roots of Enula bruised, and the juyce thereof, A. p. j. Generous Wine p. $\frac{1}{2}$. which with the juyce is to be evaporated at the fire half away.

Salmon.) It warms and comforts the Nerves and Joynts; and is good against Scabs and Itch.

10. *Oleum Euphorbij*, Oyl of Euphorbium.

Colledge.) It is made of Euphorbium \mathfrak{zvi} . Oyl of Wall flowers \mathfrak{zv} . sweet scented Wine \mathfrak{liii} . by boyling them together in a double Vessel till the Wine is evaporated.

Salmon.) It is a powerful thing

thing against old and cold Diseases of the Head, Brain, Nerves, Joynts, Liver and Spleen; it eases pains in all those parts, especially of the Head, as the Megrim, &c. snuffed up the Nose, it purges the Head of flegm, and is excellent against the Lethargy: It cures Palsies, Numbness, Stiffness and Cramps, and has the same Virtues with Oyl of Castoreum, save this is more powerful.

11. *Oleum formicarum*, Oyl of Pismires.

Colledge.) It is made of winged Ants, infused in four times their weight of sweet Oyl, set in the Sun in a glass close stopp'd for 40 days, and then strained.

Salmon.) Anointed on the Region of the Kidneys and Bladder it provokes Urine; upon the Region of the Womb, it provokes the Terms; upon the Belly, it expels Wind, and eases the Cholick; upon the Privities and Cods, it provokes Lust; upon the Suters of the Head, and nape of the Neck, it helps Lethargies, Dullness, Drowsiness and loss of Memory; as also the Palsy; upon the Joynts, the Gout and pains thereof: for the Cholick, you may give it in Clysters.

12. *Oleum sive Balsamum simplex Hyperici*, Oyl or Balsam simple of Hypericon.

Colledge.) It is made of the Oyl of the seeds of Hypericon, beaten and pressed out, the flowers being added, and rightly set in the Sun.

Salmon.) It is a most excellent Vulnerary in all Green Wounds, eases all sorts of pains, strength-

ens and refreshes the Joynts, comforts the Nerves, helps Palsies, Tremblings, Cramps, Gouts, is Emollient, Digestive and Disscussive.

13. *Oleum Jasminum*, Oyl of Jessamine.

Colledge.) It is made of the flowers, insolated in old clear Oyl, and then pressed out.

Salmon.) It is good against all cold affects; and nearly the same in Virtues with Oyl of Wallflowers.

14. *Oleum Irinum*, Oyl of Orrice Roots.

Colledge.) Take roots of florentine Orrice lbj. flowers of the purple Orrice lbij. sweet Oyl washed lbvi. decoction of Orrice florentine q. s. boyl in a double Vessel; putting fresh roots and flowers as in Oyl of Roses.

Salmon.) It is Emollient, Disscussive, Digestive, Maturative, Aperitive, and Anodyne. It eases pains of the Head, Stomach, Liver, Spleen, Womb and Joynts, Penetrates, and dissolves Wens and hard Swellings, and is a powerful digester of crude matters and humors.

15. *Oleum Liliorum*, Oyl of Lillies.

Colledge.) It is made in the same manner as Oyl of Roses.

Salmon.) It eases pain, and ripens Tumors: It was much used in Pestilential Bubo's.

16. *Oleum Lumbricorum*, Oyl of Earthworms.

Colledge.) & Earthworms lb. ss. first wash them in water, often changing it, then in White Wine, in which also macerate them an hour. Casting away the Wine, put the Worms

Worms into a double Vessel, to which add Oyl Olive lbii. White Wine lbjs. boyl it to the consumption of the Wine, then strain it through a Cloth, and keep it for use.

Salmon.) It is a great Anodyne, and gives ease in both Gout and running Gout; is prevalent against all Cold Diseases of the Joynts and Nerves, for Wounds and Bruises, Cramps, Convulsions, Tremblings, Palsies, Apoplexies, Rickets, &c.

17. *Oleum Majoranae*, Oyl of sweet Marjoram.

Colledge.) It is made of the herb a little bruised ℥iv. generous White Wine ℥vi. Old Oyl lbj. mixt together, insolated, thrice repeated with fresh herbs, pressed out, and at last boyled in B.M. to the consumption of the Wine.

Salmon.) It is an excellent Cephalick, eases pains of the Head, and helps all Cold Diseases thereof, as also of the Stomach, Liver, Spleen, Womb, Nerves, and Joynts, Noise in the Ears, the bitings of Venomous Beasts, weakness of the Stomach and indigestion; it warms, comforts, digests, and expels Wind.

18. *Oleum Mastichinum*, Oyl of Mastich.

Colledge.) It is made of Oyl of Roses Omphacine lbj. Mastich ℥iij. sweet scented Wine ℥iv. mixing and boyling them together in a double Vessel to the consumption of the Wine, which strain and keep for use.

Salmon.) It is a good Anodyne, easing pains in any part: It is Emmollient, Cephalick, and Hysterick: It strengthens the Head, Brain, Stomach, Liver, Spleen,

Nerves and Joynts, is good against Tremblings, Palsies, Apoplexies, Convulsions, Cramps, as also weakness and feebleness of any Member: It stops Fluxes, stays Vomiting, refreshes the Memory, and takes away Dullness, anointed on the Coronal Sutures:

19. *Oleum Meliloti*, Oyl of Melilot.

Colledge.) It is made of the summities of the Herb, as Oyl of Camomil.

Salmon.) The Virtues are much the same with Oyl of Camomil: It eases pains, comforts and opens the Spleen, helps the Rickets, anointing with it, and using it in Clysters.

20. *Oleum Myrrhae*, Oyl of Myrrh.

Salmon.) You have the way of making it, and its Virtues, lib. i. cap. 8. sect. 44. § 3. and in lib. 4. cap. 3. sect. 30.

21. *Oleum Menthae*, Oyl of Mint.

Colledge.) It is made of the Herb, and Oyl Omphacine, as is Oyl of Roses.

Salmon.) Anointed on the Stomach, it warms and strengthens it, and stays Vomiting.

22. *Oleum Myrsinum*, Oyl of Myrtles.

Colledge.) It is made of Myrtle berries bruised and sprinkled with sharp Wine p. j. Oyl Omphacine p. iij. set it in the sun four and twenty days, in the interim thrice renewed, boyled, and the berries pressed out.

Salmon.) It strengthens weak Limbs and Joynts, fastens loose Gums, is good against the Tooth-ach)

ach (anointed on the Temples, Cheeks and Gums) fastens the Hair, and hinders the Falling thereof (being anointed at the roots of it :) It strengthens the Brain, Nerves, and Stomach, stays Vomiting, and stops Fluxes; having all the Virtues of Oyl of Quinces.

23. *Oleum Narcissinum*, Oyl of Daffodils.

Colledge.) It is made of the fresh flowers of White Narcissus or Daffodils and Oyl, as you make Oyl of Rses.

Salmon.) It heals green Wounds wonderfully, is good against Ruptures, Maturates, Apoptemes, and is Colmetick.

24. *Oleum Nardinum*, Oyl of Spicknard.

Colledge.) It is made of Spicknard \mathfrak{z} iii. sweet Oyl \mathfrak{z} iiis. sweet scented Wine and fair Water, A. \mathfrak{z} iiis. boyled in B.M. with a gentle fire, often stirring of it till the Consumption of the Aquosity.

Salmon) It is prevalent against all Old and Cold Diseases: comforts and strengthens the Head, Brain, Stomach, Liver, Spleen, Womb, Nerves, and Joynts: is good against Tremblings, Palles, Convulsions, Apoplexies, Cramps, Lethargies, Dull and sleepy Diseases, Indigestion, Vomiting: In a word, it warms, strengthens, and fortifies the whole Body.

25. *Oleum Nenupharinum*, Oyl of Water-Lillys.

Colledge.) It is made of fresh water Lilly flowers (the yellow in the middle, and the Green being cast away) p. j. Oyl Omphacine p. iij. repeating the flowers thrice, as in Oyl of Rses.

Salmon.) It is very cooling, allays Inflammations in the Head, Reins, Joynts, or other parts: anointed on the Forehead, Temples and Soles of the Feet it causes Sleep and Rest: anointed on the Back, it preserves from Miscarriage. It asswages the Heat of the Liver, Spleen, and Kidneys: and if a little Camphir be dissolved in Vinegar and mixt with it, it abates Lust, and eases pains of the Head.

26. *Oleum Nicotiana*, Oyl of Tobacco.

Colledge.) It is made of the juyce of Tobacco and common Oyl, of each equal parts, and boyled in B.M. according to Art.

Salmon.) It heals all manner of Wounds and Ulcers, is a most excellent thing against Scabs, Itch, and Leprosy: and eases all manner of pains, chiefly of the Gout.

27. *Oleum Papaveris*, Oyl of Poppies.

Colledge.) It is made of the Flowers, Heads and Leaves of Garden Poppies, and Oyl Omphacine, as is that of Dill.

Salmon.) It is Anodyne, causes rest and ease, inclines to Sleep, allays Inflammations, and is a present help in the Gout, Pleurisy, and other intollerable pains.

28. *Oleum Populneum*, Oyl of Poplars.

Colledge.) It is made of the Buds of Poplars p. iij. rich white wine p. iv. sweet Oyl p. viii. first bruise the Buds and infuse them in the Wine and Oyl seven days, then boyl, and press out.

Salmon.) It is an excellent cooling Oyl, gives ease in pain, chiefly

chiefly of the Gout, takes away Inflammations, and easeth the Head-ach, causing rest.

29. *Oleum Rutaceum*, Oyl of Rue.

Colledge.) It is made of bruised Herbs and ripe Oyl, as Oyl of Roses.

Salmon.) It warms and heals, comforts the Nerves, Sinews and Joints, strengthens them, and is prevalent against Trembling, Numbness, Cramps, Convulsions, Palsies and dead Palsies.

30. *Oleum Sabinae*, Oil of Savin.

Colledge.) It is made in like manner as the former.

Salmon.) It attenuates, discusses, is diuretick and uterine: it dries up Scabs, and heals Scald Heads.

31. *Oleum Sambucinum*, Oyl of Elder.

Colledge.) It is made of the flowers and Oyl, as is that of Roses.

Salmon.) It is emollient, anodyne and arthritick, cleanses the Skin, is good against the Jaundice and Obstructions of the Liver: it eases pains of the Nerves and Joints and strengthens them. In a Clyster it expels watry humors, you may make it also of the middle bark of the Elder by macerating of it in Oyl, as aforesaid. It is very useful against Burns.

32. *Oleum Scorpionum*, Oyl of Scorpions.

Colledge.) It is made of live Scorpions of a middle size, N^o. xxx. (taken when the Sun enters Leo) Oyl of bitter Almonds lbij. set them in the Sun for 40 days, then strain, and keep it for use.

Salmon.) The Virtues you may find lib. 2. cap. 6. sect. 31. § 2. besides which it is good against the stinging of Scorpions and o-

ther venomous Beasts, and preserves from the Plague only by Uction.

33. *Oleum Sicyonium*, Oyl of Wild Cucumer Roots.

Colledge.) It is made of Wild Cucumer roots, and their juyce, A. p. $\frac{1}{2}$. ripe Oyl p. i. boyled in a double Vessel to the exhalation of the juyce.

Salmon.) Being anointed upon the Belly, it evacuates Water, and therefore is good against the Dropsy, takes down twoln Bellies, and kills Worms.

34. *Oleum Solani*, Oyl of Night-shade.

Colledge.) It is made of the ripe Berries of Night-shade p. j. boyled in ripe Oyl, or Oyl of Roses p. iij.

Salmon.) It is good against Headachs, from an hot Caule (anointed on the Forehead and Temples) causes Sleep, anointed as aforesaid, and on the Nostrils and Soles of the Feet: prevails against hot Inflammations, St. Anthanyes Fire, and pains of the Gout.

35. *Oleum de Styrace*, Oyl of Storax.

Colledge.) It is made of Storax and sweet scented white Wine, A. p. j. ripe Oyl p. iv. gently boyled to the evaporation of the Wine.

Salmon.) It heats and mollifies vehemently; and takes away all pains coming from a cold cause, chiefly in the Reins, Womb, Spleen, Muscles, Joynts and Tendons; softning the hardness of those Parts to a wonder. It is excellent in curing hurts and wounds of the Nerves: And, as *Manardus* saith,

saith,

saith, effectually in curing of Scabs, if you add to it p. $\frac{1}{2}$ of white Hellebor.

36. *Oleum Violaceum*, Oyl of Violets.

Colledge.) It is made of Oyl Omphacine and Violet flowers, as is oyl of Roses.

Salmon.) It is cold and moist, of thin parts, opening, and good against inflammations, Phlegmons, burning Feavers, Frenzys, Hecticks, and Consumptions; as also Pains of Breast and Lungs.

37. *Oleum Verbenaceum*, Oyl of Vervain.

Colledge. It is made of the Herb and Oyl, as Oyl of Mint.

Salmon.) It cures wounds, eases pains of the Head, Womb, and Joints, is good against fits of the Mother, Coughs, Quinsies, Kings Evil, Gout, Piles, falling out of the Fundament, Pains of the Reins, old Ulcers, Tertiens, Quartans, &c.

II, Compound Oyls by Infusion and Decoction.

38. *Oleum Benedictum*, The blessed Oyl.

Colledge.) R Roots of Carduus and Valerian, ana \mathfrak{zj} . flowers of Hypericon \mathfrak{ziii} . Wheat: \mathfrak{ziss} : very old Oyl \mathfrak{ziv} . Cypress Turpentine, \mathfrak{zvi} . Frankincense powdered \mathfrak{ziii} . the Roots and Flowers being bruised, put to them white wine enough to cover them; digest two days in a pot, then put in the Oyl with the Wheat beaten, which boyl together till the wine be evaporated: strain, and adding the Frankincense and Turpentine, boyl again a little, and keep it.

Salmon.) It is inodyne, discus-

ses Wind and Tumors; cleanses and heals wounds, in any part of the Body, and is good against the Gout and Kings Evil.

39. *Oleum Capparibus*, Oyl of Capers.

Colledge.) R bark of Caper Roots \mathfrak{zj} . bark of Tamarisk, leaves of the same, seeds of Agnus Castus, Ceterach, or Spleen-wort, roots of Cyperus, ana \mathfrak{ziii} . Rue \mathfrak{zj} . ripe Oyl Olive \mathfrak{lbj} . the best Wine Vinegar, sweet (scented white wine, A. \mathfrak{ziii} : beat, cut, and steep them, then (two days being elapsed) boyl gently in B. M. to the consumption of the Wine and Vinegar, strain, and keep it for use.

Salmon.) It is discussive and carminative good against the Cholick in Clysters; it opens Obstructions of the Liver and Spleen, eases the pain, and softens the hardness of those parts; and is prevalent against Hypochondriack Melancholy and the Rickets: it comforts the Nerves, and is good for weak and feeble Limbs: anoint the parts afflicted by a good fire, applying over it a Tobacco Leaf.

40. *Oleum de Castoreo Compositum*, Oyl of Castor Compound.

Colledge.) R Castoreum, Storax Calamita, Galbanum, Euphorbium, Opopanax, Cassia lignea, Saffron, Carpobalsamum or Cubebs, Spicknard, Costus, ana \mathfrak{ziii} : Cyperus, Camels-hay, Pepper long and black, Savin, Pyrethrum, ana \mathfrak{ziss} : ripe Oyl \mathfrak{lbiv} : Spanish wine \mathfrak{lbii} : the first five excepted, let the rest be prepared as they ought to be, and gently boyled in the Oyl and Wine, to the consumption of the wine: in the interim let the Galbanum, Opopanax, and Euphorbium, (being beaten

beaten in fine powder) be dissolved by themselves in a reserved part of the Wine, and strained, which carefully mix with the former, being also strained, and hot; stir it often with a Ruddle or wooden Slice upon a fire till they be exquisitely mixed: Lastly, the boyling being over, put in the Storax and Castoreum in powder.

Salmon.) This was chiefly invented against the dead Palsy, for which it is a very Sovereign Remedy: and indeed against all cold Diseases in any part of the Body from Head to Foot: given in Clysters, it is prevalent against the Cholick: in dead Palsies, and all Diseases of the Head, Brain, and Nerves, as Cramps, Convulsions, Tremblings, Numbness, Deafness, Weakness, and Gouts, &c. mix, and beat it with S. V. rectified and so bath it against the fire upon the part afflicted, as also all along from the nape of the Neck, down the whole Back-bone: Anointed on the Stomach, it helps vomiting, cold, pain, and illness at the Stomach. In a word, it has all the Virtues of the simple Oyl, only this is to all those Intentions far stronger, and more effectual. See Sect. 5. foregoing.

41. *Oleum Catellorum*, Oyl of Whelps.

Colledge) Take Oyl Olive ℥iv. Puppy-Dogs newly whelped N°. li. Earth-worms washed in white wine ℥vj. boyl the whelps till they fall in pices; then put in the worms, and a little after strain it: Lastly, with Cyprès Turpentine, ℥iii: S. V. ℥j. perfect the Oyl, S. A.

Salmon.) It is Emollient, Anodyne, and Strengthening: good

against cold Diseases of the Nerves, Sinews, and Joynts, Cramps, Convulsions, Palsies, and running Gouts, &c.

42. *Oleum Costinum*, Oyl of Costus.

Colledge.) Take roots of bitter Costus ℥ii. Cassia Lignea ℥j. tops of Marjoram ℥viii. beat them grossly, macerate them two days in white wine ℥xii: then with Oyl Olive (washed in white wine) ℥lii. let them be boyled according to Art in B. M. to the consumption of the wine.

Salmon.) 'Tis an excellent thing against cold Diseases of the Head, Brain, Nerves, Muscles, Tendons, Ligaments and Joynts: It is good against the Vertigo, Head-ach, Cholick, Ague-fits, weakness of the Womb, and Stomach, Vomiting, &c. having the Virtues of Oyl of Castoreum, Nard, or Costus simple.

43. *Oleum Crocinum*, Oyl of Saffron.

Colledge.) R^e of Saffron, Calamus Aromaticus, A. ℥j. choice Myrrh ℥ss. Cardamoms ℥ix; digest all for the space of six days (except the Cardamoms, which are not to be put in till the last day) in Vinegar ℥ix. the day following put in washed Oyl ℥lii. and boyl it leisurely S. A. to the consumption of the Wine, then strain.

Salmon.) It is a strengthening, restorative and anodyne Oyl, good against the Diseases of the Head, Nerves and Womb, and excellent against green Wounds.

44. *Oleum de Euphorbia*, Oyl of Euphorbium.

Colledge.) R^e Staves-acre, Soapwort, A. ℥ss. Pyrethum ℥vi. mount
tain

tain Calamint dried $\mathfrak{z}\text{ss}$. Costus $\mathfrak{z}\text{ii}$. Castoreum $\mathfrak{z}\text{v}$: being bruised, macerate them 3 days in sweet scented wine $\mathfrak{lb}\text{ii}\text{ss}$; boyl them in Oyl of Wall-flowers $\mathfrak{lb}\text{ss}$. adding before (the consumption of all the wine) Euphorbium $\mathfrak{z}\text{ss}$. then thoroughly boyl it S. A.

Salmon.) It is excellent against the Head-ach and the Megrim, and has all the Virtues of the simple Oyl of Euphorbium, and compound Oyl of Castor.

45. *Oleum Excelsense*, Oyl of Exceter.

Colledge.) \mathcal{R} Wormwood, Centaury the less, Maudlin, Fennel, Hyssop, Bays, Marjoram, Bawm, Nep, Pennyroyal, Savin, Sage, Tyme, A. $\mathfrak{z}\text{iv}$. Southernwood, Betony, Chamepitys, Lavender, A. $\mathfrak{z}\text{vj}$. Rosemary $\mathfrak{lb}\text{j}$. flowers of Camomil, Broom, white Lillys and Elder-seeds, of Cummin and Fennegreek, roots of Hellebor white and black, bark of Ash, Limon-peels, A. $\mathfrak{z}\text{iv}$. Euphorbium, Mustard seed, Castoreum, Pyrethrum, A. $\mathfrak{z}\text{ij}$. Oyl $\mathfrak{lb}\text{xvi}$. wine $\mathfrak{lb}\text{iii}$. The Herbs, Flowers, Seeds and Euphorbium being bruised, the Roots, Barks and Castor cut, and being digested in the wine and oyl in B. M. for twelve hours, and then boyled gently to the consumption of the Aquosity, strain it out, and keep the Oyl for use.

Salmon.) It is excellent against weakness, coldness, numbness, bruises, old aches, lameness and straining of the Joynts, being anointed warm thereon, and has all the Virtues both of the simple and compound Oyls of Castor aforegoing.

46. *Oleum Hirundinum*, Oyl of Swallows.

Colledge.) \mathcal{R} whole Swallows,

N^o. xvi. Camomil, Rue, Plantane the greater and lesser, Bays, Pennyroyal, Dill, Hyssop, Rosemary, Sage, Hypericon, Costmary, A. M. j. common oyl $\mathfrak{lb}\text{iv}$. Spanishwine $\mathfrak{lb}\text{j}$. make an Oyl according to Art. But if you will take so much May Butter as you do of Oyl, and boyl it with the aforesaid things, it may have the name and consistency of an Unguent.

Salmon.) It is good against old Aches, Bruises, Lameness, Sprains, pains and weakness, of the Nerves and Joynts; and has all the Virtues of Oyl of Exceter.

47. *Oleum Hyperici compositum*, Oyl of Hypericon compound.

Colledge.) Take sweet scented white wine $\mathfrak{lb}\text{j}$. tops of Hypericon with the flowers and seeds $\mathfrak{z}\text{iv}$. being beaten, macerate them in the Sun or heat of a Bath in a glass Vessel close stopp'd for three whole days in old Oyl Olive $\mathfrak{lb}\text{j}$. then press them out; repeat the infusion the second and third time with fresh tops of Hypericon; at the end of the third infusion add the wine, and boyl till nearly the consumption thereof; press the Oyl out, and add Turpentine $\mathfrak{z}\text{iii}$. Saffron $\mathfrak{z}\text{ij}$. boyl again a little, and keep it for use.

Salmon.) It has all the Virtues of the simple Oyl with advantage, this being a little drawing and cleansing by reason of the addition of the Turpentine.

48. *Oleum Hyperici magis compositum*, Oyl of Hypericon more compound.

Colledge.) Take generous white wine $\mathfrak{lb}\text{iii}$. fresh flowers of Hypericon with the seeds M. iv.. beat and digest them in a glass Vessel close stopp'd for two days; boyl them in B. M. and press them out strongly. To the

the straining put new Tops of the Herb, which repeat the third time, and strain; adding to every pound thereof old Oyl ℥iv , Turpentine ℥vi , Oyl of Wormwood ℥iii , Dittany, Gentian, Carduus, Tormentil, Carline or Carduus Marie, Calamus Aromaticus, all of them beaten, A. ℥ii , Earthworms (often washed in white wine) ℥iii ; set them in the Sun for five or six weeks, and keep it close stopped.

Salmon.) It is a most excellent Vulnerary, dissolves tumors, eases pain, and has all the Virtues of the simple Oyl and Oyl of Camphor compound, being admirable for old aches, bruises, sprains, Palsies, Cramps, Convulsions, Numbness, &c.

49. Oleum Irinum, Oyl of Orrice.

Colledge.) Take roots of Florentine Orrice ℥iiii ℥iv , white Lilly flowers (casting away the yellow) ℥xv , fresh Cyperus roots ℥vi , Elecampane ℥iii , Alkanet ℥ii , Cinnamon, picknard and Benjamin, A. ℥j . all being bruised as they ought to be, digest them in the Sun or a hot place in old Oyl ℥xv , spring-water ℥lv . After the fourth day boyl them in B. M. to the consumption of the water; when it is cold, strain it, and keep it for use.

Salmon.) Anointed on the Breast, is good against Asthma's, Coughs and Hoarseness: in a Clyster it brings down the Hemorrhoids; mixt with juyce of Rue, and injected into the Ears with a Syringe, it helps deafness, and noise here; anointed on the Sutures of the Head, Temples, Pulses, and soles of the Feet. it cures Cancers, having the Virtues also of the Simple.

50. Balsamum Lucatelli, The Balsam of Lucatellus.

Colledge.) Take the best yellow wax ℥bj , melt it by a small fire in an equal quantity of Canary Wine; then add of the best Oyl Olive, Venice Turpentine (washed white in Rose water) A. ℥iiss , boyl them with a gentle heat to the evaporation of the wine; lastly, being removed from the fire, sprinkle in red Sanders in fine powder ℥ii , and continually stirring of it till it is cold make a Balsam.

Salmon.) This is not the Genuine or true Composition of this Balsam, for there ought be added, of the blood red Oyl of Hypericon ℥iv , natural Balsam ℥ii . It helps the Head-ach, by anointing the Nostrils and Temples therewith; is good against Pains, old Aches and Bruises, the bitings of mad Dogs or other Venomous Creatures: It heals green Wounds, cures old Ulcers and Fistula's, although within the Body, by taking of it inwardly morning and evening ℥i at a time; so taken, it is also good for any inward wound or bruise, taking away both pain and danger; it cures sore Breasts, swatches Blood, cures Scaldings and Burnings, strengthens the Stomach, and is good against the Infection of the Plague.

51. Oleum Marjorane, Oyl of sweet Marjoram.

Colledge.) Take Marjoram M. iv. Mother of Time, M. ii. Myrtle leaves, or the Berries M. j. water Mint, Southern-wood, A. M. ss. Cassia Lignea ℥ii ; cut, bruise, and put them into a Glass in the Sun or in a Bath affusing thereon oyl Omphacine

cine lbiii. after eight days press them out; to the expressed Oyl add fresh simples, which repeat the third time exactly in the same manner, that the oyl may be perfected S.A.

Salmon.) It is an excellent Anodyne, eases pain of the Head and other parts, comforts the Brain and Nerves, is prevalent against the Palsy, Dead Palsy, Trembling, Numbness, Convulsions, Cramps, pains of the Gout, pains in the Ears, bitings of Venomous Beasts, eases pain in the Back, and strengthens it by anointing the Back-bone. In a Clyster it expels Wind, and gives ease in the Cholick.

52. *Oleum Mandragoræ*, Oyl of Mandrakes.

Colledge.) *Rx* common Oyl lbii. juce of Mandrake Apples, or for want of them, of the leaves ʒiv. juce of white Henbane ʒij. juce of black Poppy heads ʒiij. juices of Violets and tender Hemlock, A. ʒj. Opium, Storax Calamita, A. ʒls. set them all in the sun for ten days; after boyl to the consumption of the juices, and strain; then put in the Opium finely beaten, and the Storax dissolved in Turpentine (viz.) half an ounce) mix them S.A.

Salmon.) It was invented by Nicholas, the Author of the *Requies*, to ease violent pains of the Head: It is good also against Frensie, Madnes, Unquietness, and much watching, by anointing the Forehead, Temples, Nostrils, Pulses and Soles of the Feet: 'tis singular also against the Gout, Running Gout, and inveterate pains of the Joynts.

53. *Moschelaum*, Oyl of Musk, or Musked Oyl.

Colledge.) *Rx* Nutmegs N^o i Musk ʒls. Indian Leaf or Maco Spicknard, Costus, Mastich, A. ʒv. Storax Calamita, Cassia Lignea Myrrh, Saffron, Cinnamon, Clove, Carpobalsamum or Cubebs, Bdellum, A. ʒii. pure Oyl lbiii. genero wine ʒvi. bruise them as they ought to be, mix, and let them boyl soft, till the wine is exhale; then strain and after mix the Musk S.A.

Salmon.) It is exceeding good against Diseases of the Head, Brain, Stomach, and Nerves, expels Wind, gives ease in the Cholick, helps pain at the Stomach and indigestion; ease the Strangury, anointed on the Share; and strengthens the Liver, Spleen, Reins and Womb having all the Virtues also of the Oyl of Exeter.

54. *Oleum Nardinum*, Nard Oyl, or Oyl of Spicknard.

Colledge.) *Rx* of Spicknard ʒii. fresh Marjoram ʒii. Xyloaloes, Calamus Aromaticus, fresh Elecanpane, Cyperus, Bayberries, India leaf or Mace, Schœnanth, Cardamoms, A. ʒls. bruise them all gross, and steep them in water and wine A. ʒxiv. with Oyl of Sesamin or Olive of Olives lbiv. for one day, then in a double Vessel with gentle boyling consume the Wine and water, and perfect the Oyl S.A.

Salmon.) The Virtues are the same with the former, and with the simple Oyl of Nard aforegoing.

55. *Oleum Nicodemi*, Nicodemus his Oyl.

Colledge.) Take seeds or tops of Hypericon, old Turpentine, A lbj. Litharge ʒvj. Aloes Hepatica, Tilia of Alexandria, A. ʒiii. Saffron

3j. the best white Wine lbiv. old Oyl lbli: The fourth part of the Wine being consumed by gentle boyling in a B. M. or otherwise in Sand, or in the Sun in the Dog days; after ten days strain it, and keep the Oyl apart from the Wine.

Salmon.) Both Wine and Oyl are very drying, and therefore excellent to heal Scabs, Itch, small Pox, Measles, running Sores, and Ulcers, &c. Where note, that though both dry, yet the Wine cleanses most, the Oyl heals most; therefore first wash with the Wine, then anoint with the Oyl.

Oleum Nicotiana, Oyl of Tobacco.

Salmon.) 'Twas before among the simple Oyls, almost word for word; I wonder a whole Colledge should be so forgetful; or did they mistake a simple Oyl for a Compound.

56. Balsamum Polychrestum, Balsam of many Virtues.

Colledge.) Take S. V. lbliis. Sarsaparilla (white and mealy and cut) 3v. infuse them in a glass Vessel till the S. V. becomes of a golden colour; strain and add Gum Guajacum 3viii. dissolve it in the aforesaid Tincture with a gentle heat by much stirring of it: lastly, add Indian Balsam or Balsam of Peru a Spoonful, mix them and make a Balsam.

Salmon.) It is a great Alexipharmick, and is a singular cure for the Scurvy and French Pox, most Diseases of the Head, Breast, Lungs, Womb, and Joynts; heals inward Bruises, cures a stinking Breath, resists Putrefaction, and helps pains of the Gout. Dose inwardly a 3ii, ad iv, in the morn-

ing fasting, and at night going to bed. In the French Pox it would be good to take it and sweat upon it: you may also anoint it upon Pocky Sores, Boils and Scabs, and apply it to gouty places. It heals green Wounds to a wonder: taken after due purgation, and at a fitting time, it powerfully provokes the Terms.

Oleum Populneum, Oyl of the Poplar.

Salmon.) This was also once before almost word for word among the simple Oyls: the Colledge certainly is troubled with short memories, thus often to write Tautologies.

Balsamum Vulnerarium, A wound Balsam.

Salmon.) You may find it word for word with its Virtues in Cap. 3. Sect. 18. following.

57. Oleum Vulpinum, Oyl of Foxes.

Colledge.) Take a fat Fox, and of a middle Age (if you can get such a one) caught by hunting about Autumn, kill him; the skin and bowels being taken away, the flesh cut in pieces, and the bones broken, boyl him (scumming it diligently) in white wine & spring water, A lbvi. till half be consumed, with sea-salt 3iii. Tops of Dill, Tyme, and Chamopyte, A. M. j. after straining and pressing out, boyl it again with old Oyl lbiv. flowers of Sage and Rosemary, A. M. j. the water being consumed strain it again strongly, and separate with a funnel the aquosity from the Oyl, which keep for use.

Salmon.) It is a healing, comforting, strengthening, and emollient Oyl, invented to ease the Gout, and pains of the Joynts.

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stiffness, numbness or aches in the Sinews, and to restore wasted or withered Members. It gives ease also to pains in the Reins and Back, and is excellent in Convulsion, Cramps and Palsies.

Left out in the New Dispensatory.

58. *Oleum Piperis*, Oyl of Pepper.

Colledge.) Take long, black, and white Pepper, *A. ℥iij.* Myrobalans, Chebs, Bellerick, Emblick, and Indian, *A. ℥v.* Roots of Smallage and Fennel, *A. ℥iijss.* Sagapenum, Opopanax, Ammoniacum, white Henbane, *A. ℥iijss.* Turbith *℥ij.* Ginger *℥iij.* the branches of green Time and green Rue, *A. Mj.* infuse them *S.A.* in a sufficient quantity of *Aqua Vita*; Oyl of wall-flowers *℔ij.* then boil to the consumption of the *Aqua Vita*.

Salmon.) It is an exceeding hot Oyl, good against all cold Diseases of the Head, Brain, Nerves, Womb and Joynts, as Tremblings, Convulsions, Cramps, Palsies, dead Palsies, Gouts, Sciatica's, obstructions of the Liver, Spleen, and Reins: It eases inveterate Head-achs and Megrim, helps Vertigo's, strengthens and warms the Stomach, eases pains thereof, and causes a good digestion. In Clysters it expels Wind, and gives ease in the Cholick, and, as some say, breaks the Stone.

OYLS added by the Author.

59. *Oleum Resolutivum*, ex August. A Resolutive Oyl.

Take Roots of Wild Cucumers, of Briony, of Athaea, *A. ℔iij.* Oyl of Olive *℔x.* digest them in the

Sun for a month, then boyl and strain out by pressing.

Salmon.) It is emollient, resolutive, digestive and opening; it dissolves Tumors, and takes away contumacious pains proceeding of cold, wind and ill humors.

60. *Oleum Febrifugum*, The Febrifuge Oyl.

Take Oyls of Water Lillies a year old, of Earthworms, of Roses, of Hypericon, of Almonds, *A. ℥j.* live Scorpions *Nº ix.* (taken, if possible at the Sun's entrance into Cancer or Scorpio) set them in the Sun ten days: then add Venice Treacle *℥ss.* and insolate them 14 days longer.

Salmon.) The Virtues are the same with the simple Oyl of Scorpions; but its chief use is to make the Febrifuge Plaster. Anointed down the Back-bone, it is good against the Palsy, Convulsion, Cramps, Lameness, and Numbness of the Limbs.

61. *Oleum ad Vermes Prevotij*, Prevotius his Oyl to kill Worms.

R. Wormwood, carduus, Scordium, Tobacco, *A. Mj.* roots of Sow-bread, *℥ss.* colocintida *℥ij.* Oyl, Vinegar, *A. ℔ij.* boyl to the consumption of the Vinegar; then add Myrrh in powder *℥j.* mix, and boyl to the dissolution of the Myrrh.

Salmon.) The Title shews the Virtues, anoint it upon the Stomach and Belly.

62. *Oleum Purgans*, A Purging Oyl.

R. Ricinus of Amersea and the Vulgar, *A. ℥iij.* seeds of small Spurge, of Dwarf-Elder cleanted, *A. ℥ss.* Rhubarb *℥j.* yellow Sanders *℥ss.* beat them to a Paste, and make an Oyl by expression, to six parts of which add of the former one part.

Sal-

Salmon.) It must not be given alone, because it inflames too much: two or three drops may be made up with crums of Bread into two or three Pills, and so taken; or six or eight drops may be given in fat broth: It purges upwards and downwards strongly all flegmatick and watery Humors, and helps such as have the Dropfie.

63. *Oleum contra Venena Præ-*
votij, An Oyl against Poylon.

Re Oyl *Hbiii*. Rhenish Wine *Hbiss*. roots of Gentian, Tormentil, Masterwort, Swallow-wort, Angelica, *A. Zi*. Tops of Hypericon, Rue, Tobacco, *A. Zi*. Berries of Juniper and Bays, *A. Zi*. digest four days, then boyl to the consumption of the humidity, press out the Oyl, and add to it Scordium *M. j*. Aloes, Myrrh, Saffron, *A. Zi*. boyl again to the dissolution of the Gums, then strain and keep it for use.

Salmon.) Anoint therewith the Regions of the Heart and Stomach, as also the Pulses; you may also give it in Clysters, after other evacuations by Vomiting.

64. *Oleum Antipestilentielle Benacursi*, An Oyl against the Plague.

Take flowers of Hypericon *Hb*. roots of Tormentil, Carline, round Birthwort, Centory the great, *A. Zi*. All the Sanders, Spicknard Indian and Celtick, Dittany, Juniper Berries, Zedoary Gentian, Masterwort, Carduus, *A. Zi*. Carpopalsamum, Doronicum, Citron peels, Peach-flowers, Mugwort, Rue, Betony, Scordium, Germander, *A. Zi*. Burnet, Valerian the Great, Swallow-wort, Behen red and white, *A. Zi*. Anthora, Scorzenera, Snake-root, *A. Zi*. Musk, Mact, *A. Zi*.

Cloves, *Ziss*. steep all three days in Canary *Hv*. press it out strongly, and add new species as before, a great live Toad, live Piper, and a live Frog; Lizards both sorts, *A. N° v*. Scorpions *N° L*. Xyloloes *Ziss*. Venice Treacle, Mithridate, *A. Zi*. Benjamin, Galbanum, *A. Zi*. Laudanum, Amber, Myrrh, *A. Zi*. Oyl of Hypericon *Hbii*. old Oyl of Olives *Hv*. distil an Oyl in Ashes, and cohobate it thrice. The last time decant it by inclination.

Salmon.) It cures the Plague anointed in the Regions of the Heart, and Stomach, on the Pulses, Arm-holes and Groins.

65. *Oleum Schrophularie Præ-*
votij, Oyl of Pilewort.

Re Pilewort roots *Ziii*. Celandine roots *Zii*. sponges of the Canker Rose *N° ii*. seeds of Agnus Castus *Zii*. Oyl *Hbii*. digest two days, then boyl, strain and keep it for use.

Salmon.) It is intended to cure the Piles by anointing them; you had better make it thus. Re juice of Pilewort (gathered in March) both leaves and roots *Hb*. juice of Celandine *Ziv*. Oyl Olive *Hb*. mix, insolate for ten days, then boyl to the consumption of the juices, dissolving therein powder of Myrrh *Zii*.

66. *Oleum Hyperici Ellenbergi*, Ellenbergs Oyl of Hypericon.

Take flowers of Hypericon *M. iii*: being bruised, insolate them in Oyl of Scorpions *Hbii*. for four days, then digest in B. M. for 24 hours, strain it in a cloth washed in white wine; repeat this work with fresh flowers three times insulating the two latter times 8 days, and boiling in B. M. till the Oyl is of a blood red colour: Into this Oyl put tops or seeds of Hypericon (moistened with Sack)

B b b 2 *Hbii*.

℞iij. boyl in B.M. three days, then strain, and repeat this with fresh Hypericon 3 times more. 2. Take Carduus, Baym, Verdain, Scabious, Betony, Germander, A. M. ss. bruise them and boyl in B.M. for three days; strain and add tops of Goats Rue, Scordium, A. M. j. Centory the less, Dittany, Rosemary, A. M. ss. bruise them and boyl them in the Oyl in B.M. strain, and add roots of Zedoary, Angelica, Birtwort long and round, Carline, Valerian, Gentian, Tormentil, Swallow-wort, Citron-peels, A. ℞jss. bruise, infuse, and boyl them 4 days in B.M. strain, and add Cloves, Mace, Schœnanth, A. ℞jss. red Sanders ℞jss. Juniper and Bay-berries, A. ℞ij. Cinnamon ℞j. Benjamin, Storax Calamita, A. ℞vj. bruise them and digest in B.M. 3 days, then strain and add Toads N^o ij. om Piper, live spiders, N^o 200. digest them in the Oyl aforesaid for two days, after take them out, and add Rhubarb, Aloes, Myrrh, A. ℞ij. Saffron ℞j. Spick-nard ℞jss. Venice Treacle and Mithridate, A. ℞vj. boyl them four hours; and keep the Oyl for use, not straining it.

Salmon.) Anointed on the Navel it kills Worms; upon the Reins, Back, Wrists, Groin, and Soles of the Feet it cures Agues, the Cholick, and provokes Urine; Anointed on the Arteries of the Head, Feet, Hands and Heart, it preserves from the Plague, and is good against Poyson; anointed on the place, it cures the Biting of Mad-Dogs, and other venomous Creatures, and cures Wounds made with Poysoned weapons or Gunshot, &c.

67. *Oleum Stomachale Cratonii*, Crato's Stomach Oyl.

Take Oyl of Wormwood ℞j. Tops of Wormwood M. j. Cloves, yellow Sanders, A. ℞ij. red Roses, Mace, A. ℞jss. Mustich ℞jss. sweet-scented Wine ℞lss. insolate them twenty days, then boyl and strain, keep the Oyl for use.

Salmon.) This is Crato's wonderful Oyl, for curing pains of the Stomach.

68. *Oleum Hyperici ex Schrodero*, Oyl of Hypericon from Schroder.

Take Oyl of Hypericon ℞j. Sack ℞ivss. Oyls of Turpentine, Bricks and Worms, A. ℞ij. Wax ℞j. Mans grease distilled, distilled Oyl of Deers suet, A. ℞ij. Venice Treacle, Mithridate, A. ℞j. Mistletoe of the Oak, Tile-tree, Hazle, A. M. j. Peach-flowers, Wall-Rue, Wintergreen, A. M. iij. flowers of Snap Dragons, M. viij. of Hypericon M. vi. Moulton M. ij. Betony, Centory the less, self-beal, Comfrey, Sneez-wort, Celandine, A. M. j. seeds of Snap Dragons ℞jss. of Hypericon ℞jss. Roots of Dragons, round Birchwort, Comfrey, A. M. ss. Pile-wort, Cross-wort, A. Mj. boyl them in a close Vessel till the Wine is consumed: strain, and add Crocus of Iron, Mummy, Mustich, Frankincense, Myrrh, A. ℞ij. boyl them gently, and circulate them for a month in a convenient heat.

Salmon.) It cures inward Wounds and Bruises, Poyson, the Stone, Gravel, Jaundice, Dropsy, Vomiting Blood, the Bloody Flix and kills Worms. Dose ab ℞j ad ij. Outwardly, it cures all external Wounds and Ulcers though Venomous, prevents Evil Symptoms, and cures Wounds of the Head where the

the Skull is broken to the *Dura* or *Pia Mater* : but lay not the Lint on too moist, but squeeze it ; for one drop falling on the Membranes will make the Patients Dye Mad. It also cures all sorts of Witch-craft if the Patient is anointed with it out-

wardly, and takes it inwardly ʒij . at a time for some days together.

There are other Oyls, which mix'd their Preparations, Virtues, and Uses ; you may see in Our *Dorron Medicum*, lib. 3. cap. 2.

CHAP. III.

Of B A L S A M S.

1. Balsamum Vulnerarium, A Wound Balsam.

R Venice Turpentine ʒiss . Oyl of Hypericon ʒi . distilled Oyl of Wax ʒij . Gum Elemi (dissolved by it self) so much as may make the Balsam of a just thicknes.

Salmon.) It is a wonderful thing in curing of all Green Wounds and Bruises, which several have found it do at one application.

2. Balsamum Vulnerarium Zwelferi, Zwelfers Wound Balsam.

R the yellow Oyl of Turpentine (viz. that which is distilled by a Retort, after the spirit is drawn off) ʒi . Pouders of Gum Anime, Elemi, Mastich, Olibanum, Myrrh, Iry, A. ʒvi . Balsam of Peru ʒi . Juyc of Poplar, ʒiss . Inspissate juices of Hypericon and Yarrow, A. ʒss . digest in a gentle heat in a

glass close stopped till all the ingredients are dissolved, or for the greater part : then whilst hot, strain and keep it for use ; adding if you please a little Camphir in powder.

Salmon.) It is a most excellent thing in all Wounds new or old, although among the Nerves, Tendons and Muscles : it is good against Palsies, Convulsions and Numbness ; and strengthens weak and feeble Limbs, and eases pain.

3. Balsamum Vulnerarium Martiale, A Martial or Chalybeate Wound Balsam.

R of the Oyl of Turpentine (asforesaid) Odoriferous Oyl of Fir, A. ʒvi . Buds of the Poplar ʒiv . digest 2 days in a gentle heat and in a high glass close stopped, then strain out by expressing ; put it into a bolt head or glass Alembick, and add fine filings of steel ʒij or ʒi .

B b b 3 upon

upon which instil by drops of the best spirit of Niter, or instead thereof spirit of Vitriol ℥ij. or more, so that the time of dropping it in, may be about the space of 12 hours, stirring the filings all the while with a wooden spatula, so will they be dissolved, and communicate their Essence and rubicund colour to the assused Oyl: digest all together in a large glass, and well closed, for the space of 2 days, then separate the rubicund Oyl or Balsam, which is like Blood (from the filings) and keep it for use.

Salmon.) This Balsam is not only applicable to outward Wounds; but to inward also, and may be given ʒj. ad ʒss. It cures beyond most other Wound Balsams, being free from any corrosive property, for the Acid Spirits shew their form only in the filings (not in the Balsam) & by the solution of the said filings are sweetened and transmuted into another ens or property.

4. Balsamum Vulnerarium ex Sulphure, A Vulnerary Balsam from Sulphur.

Be flowers of Sulphur, or fine yellow Sulphur ℥vi. melt it in a glazed earthen pot over a gentle fire (but taking heed that it flame not) to which put pure Salt of Tartar ℥iii. or iv. being well mixed with a spatula, take it from the fire, so have you the Hepar Sulphuris: reduce it to powder, and put it into a little Alembick, upon which assue the Yellow Oyl of Turpentine (aforesaid) Oyl of Fir newly distilled, A. ℥iv. or more: digest in a gentle heat without boiling, so have you red Balsamick Tincture of Sulphur, red like Blood,

which separate by decanting or straining it, and keep it in a glass close stopp'd, both for external and internal use.

Salmon.) It doubtless exceeds the common Balsam of Sulphur, and is applicable to all Wounds and Ulcers, both Outward and Inward: Inwardly it stops spitting of Blood, and heals Ulcers of the Lungs, Coughs, Asthma's, and other Diseases there: Dose ʒj. ad ʒss. in Tent or generous Canary.

5. Balsamum Stomachicum Regium, The Royal Stomach Balsam.

Be Oyl of Nutmegs expressed ʒiiss. Pouders of Mastich, Tacamahac, Gum Anima, A. ʒss. melt all these in a gentle heat, then strain, and add distilled Oyls of Mint, Marjoram, cloves, A. ʒj. Oyls of Cinnamon, Wormwood, Calamus Aromaticus, Caraway, A. ʒss. being a little cooled, mix also therewith Balsam of Peru ʒvj. Extract of Saffron ʒiss. finish the Balsam by digesting two or three hours in a gentle heat.

Salmon.) It is of both external and internal use, strengthens the Stomach and Fortifies the Head, Brain, Heart and Vital Faculties, and in a word the whole body: it being anointed therewith: it comforts the Nerves, is good against Palsies, Cramps, Convulsions and Numbness, cures the Head-Ach and Megrim by Unction, and takes away Noise, Pain and Deafness in the Ears. Inwardly you may take ʒ gut. vii. ad xij.

6. Balsamum Saturni Anisatum, Balsam of Lead with Oyl of Aniseeds.

Be Saccharum Saturni as much

as you please, put upon it Oyls of Aniseeds and Juniper-berries, A. so much as to cover it the breadth of 3 or 4 fingers: digest in a gentle heat in Asbes till they are red, which strain and keep for use.

Salmon.) It is a great Pectoral, cures Coughs, Phthisicks, Exulcerations of the Lungs, Asthmas, Empyema's, &c. breaks and expels the Stone in both Reins and Bladder, provokes Urine, takes away pain in pissing, heals a Gonorrhœa, and cleanses the Urinary passages. Dose, gut. 10. 12. or 14. in a glass of Wine, anointing also the Brest and Reins therewith. See the Simple Balsam of Lead lib. 3. cap. 6. sect. 17. foregoing.

17. Balsamum Tartari, Balsam of Tartar.

R. Oyl of Tartar, per deliquium lbj. Zij. put it upon Cremor or fine Crybals of Tartar, lbj. macerate for two days in a warm place, and in a gentle heat abstract the Humidity till the whole mass is converted again into a saline matter: beat it to powder and with S.V. extract a Tincture for Internal use, Or with spirit of Vinegar, or some distilled water extract a Tincture for External use, which Tinctures will be red: afterwards these Tinctures (whether made with S.V. Vinegar or waters) abstract to the thickness of Honey, and keep the Balsam for use.

Salmon.) It is a most excellent Balsam against the Gout and Stone, and loosens the Belly: It makes Violent purges gentle and benign, by its sheathing of Acrimony, It is powerful against all chronick and stubborn Diseases, being given either alone, or mixt with other proper Medicaments: internally you may take it from

℞j. to ʒss. Externally, anoint both the Gouty and Edematous parts therewith.

8. Balsamum Hispanicum Fabricij, The Spanish Balsam from Schroder.

R. old Oyl ʒiv. Oyl of Hypericon ʒij. Turpentine ʒviij. Wheat-meal ʒjss. Carduus roots, Valerian roots, A. ʒj. Frankincense ʒij. beat the herbs and roots grossly, infuse them in Sack, so that all swim for two days: then add the Oyls and the Wheat, and boyl all till the Wine be consumed: strain, and adding the Turpentine and Frankincense, boyl it a little, and keep it in a glass.

Salmon.) It is reported to cure Wounds, though in the Nervous parts, and that in 24 hours. First wash the Wounds with white Wine or S.V. or inject with a Syringe, close the lips of the Wound, and Stich, Bind or Grew them together, then anoint round about with this Balsam, laying also a pledget dipt therein, upon the closed lips, and another upon that dipt in Alicant, then upon that another dry one, lastly, bind it up: this one dressing is enough to cure any ordinary wound.

9. Balsamum Vulnerarium Crollij, Wound Balsam of Crollius.

R. flowers of Hypericon, (gathered at Sun rising in the Balsamick time, when the Sun enters Cancer, before the new moon) lbj. Wall flowers, Centory the less, Celandine, self-heal, Camomil, Birthwort and Comfrey roots, A. ʒjss. Red Roses ʒjss. Mummy, Myrrh, Frankincense, A. ʒjss. Mastick ʒj. Storax liquid ʒij, Cus and bruise what should be, and infuse them in

Bbb 4

S.V.

S.V. ℥viii. then decant and strain, to this spirit thus tinged, (unless you will infuse the flowers again to make it stronger) add sweet Oyl, (which has been digested 8 days) ℥lv. Turpentine and Rosin, A. ℥℥ss. Digest all again for fourteen days, then abstract the S.V. in B.M. so have you at bottom a Balsam, red like blood.

Salmon.) It cures all manner of Cuts, Punctures, Wounds, Tumors, Inflammations, Bruises, Fractures, and contracted Members: it comforts such as are weak and Paralytick, and restores such as wither away.

10. Balsamum Vulnerarium Hartmanni, Hartmans Wound Balsam.

Take Galbanum, Amoniacum, Bdellium, A. ℥ss. steep them in Vinegar for three days, then strain and inspissate to the thickness of Honey. R. Red Myrrh, Mastich, A. ℥ss. Olibanum ℥j. Powder and dissolve them by gentle boiling in Oyl Olive ℥ss. adding the Oyl gradatim stirring till they are well melted then mix the former inspissate Gums, and stir as before; pouring on gradatim fresh Oyl, till there is another pound added, and the Balsam begins to grow yellow.

Salmon.) It cures green Wounds, with wonderful speed and dexterity: but Hartman says, that if Verdigrise ℥j. be added, and then set in the Sun for a month that the faces may settle to be cast away, it will cleanse much better.

11. Balsamum Vulnerarium Schröderi, Schröders Wound Balsam.

Take Oyl Olive ℥iv. Turpentine ℥vi. Mastich, Myrrh, A. ℥vi. Frankinsense, Galbanum, A. ℥j.

Verdigrise ℥iij. Camphir ℥j. Vinegar ℥℥ss. S.V. ℥ss. boyl till the Vinegar is consumed, then strain it.

Salmon.) It has all the Virtues of the former, and may be used instead thereof.

12. Balsamum, Vulnerarium Germanicum, The German Wound Balsam.

R. Oyl Olive, Linseed Oyl, A. ℥℥ss. Oyl of Bayz ℥j. distilled Oyls of Juniper-berries ℥iv. and of Cloves ℥j. Aloes ℥j. Venice Turpentine ℥ij. Verdigrise ℥iij. white Vitriol ℥℥ss. powder what is to be powdered, and boyl with a gentle fire to a Balsam.

Salmon.) It cures all Green Wounds, whether Cut, Prick'd, Bruised, or Gun shot: first wash the Wound with warm Wine or S.V. then put in the Balsam hot, and lay a pledget upon it, dipt in it; and then the Strick Plaster of Crolius, so will the Wound be quickly well: it takes away also the Poyson of Wounds made by mad or Venomous Creatures.

13. Balsamum Vulnerarium Samaritanum, The Samaritan Wound Balsam.

R. Oyl Olive, Oyl of Hypericon, Tent or Canary Sack, A. ℥℥ss. boyl them to the consumption of the Sack.

Salmon.) It eases pain, supples, cleanses and heals Green Wounds to a wonder.

14. Balsamum Plumbi Compositum Boethij, Compound Balsam of Lead.

R. Amianum ℥iv. Burnt lead ℥xij. Turty prepared ℥ij. Calcine and Powder them; steep in spi-

rit of Vinegar, stirring them once a month, afterwards boyl for a quarter of an hour, and let it stand till it is clear: Then take of this clear Vinegar, Oyl of Roses of each a like quantily, mix and make a white Balsam.

Salmon.) It drys up all running and moist Sores, Issues, moist Scabs, old and running Ulcers, Scald Heads, &c. in which last it is reported to do Miracles.

15. Balsamum Vulnerarium Magistrale, A Magisterial Wound Balsam.

Rx Oyl Olive lbj. Alicant lbs. Earthworms sprinkled with Salt ℥iv. Venice Turpentine ℥ij. Honey-Suckle-berries (gathered in September) Mij. flowers of Hypericon P. iv. set them in the sun to digest a whole summer: then strain, and add Spirit of Turpentine, in which Salt of Lead ℥ij. is dissolved, Oyl of Myrtes ℥j. mix them.

Salmon.) It heals Wounds excellently, and drys up any running Sore.

16. Balsamum Vulnerarium Nost. Our Balsam for Wounds.

Take Balsam of Peru ℥iv. Balsam of Sulphur anisated, Oyl of Nutmegs by expression, the blood red Oyl of Hypericon, Cypress, Turpentine, Mummy, Essence of Steel, fine Myrrh, powder of the Loadstone, A. ℥ls. Salt of Vitriol, the best white precipitate, Salt of Tartar, A. ℥j. mix in a gentle heat in sand, then digest a Month and keep it for use.

This is one of the best Vulneraries we know: It cures all sorts of Green Wounds, whether Cuts, Punctures, Bruises, &c. at once dressing: It also cures

all sorts of old Ulcers, Fistula's, Cankers, Cancers, Scabs, Tertars, Ring-worms, Morpew, Pimples, Leprosy, Elephantiasis, and other almost incurable Diseases of like kind, although of many years standing: Anoint the part afflicted with this Balsam Morning and Night, then lay over it Emplastrum Diasulphuris Rulandi.

17. Balsamum Balsamine, Balsam of the Balm Apple.

Take flowers and fruit of Balsamina or Balm Apples, A. ℥iv. Comfrey roots, Adders tongue, A. ℥ij. round Birthwort, Zedoary, A. ℥ls. Missletoe of the Elm ℥jls. juice of Cray fish, Periwinkle, Sanicle, A. ℥j. Infuse them forty days in the sun in a sufficient quantity of Oyl Olive, then strain, and to every lbj. add Linseed Oyl and Oyl of Turpentine, A. ℥ls. mix, and keep them for use.

Salmon.) It has the Virtues of the former Wound Balsams, this being in a Special manner good for Nervous parts, hurt, wounded, or burnt: It is Anodyne, gives ease in the Hemorrhoides, and in all inflammations, especially if you add a little Camphir mixt with Oyl of Eggs, it takes away spots, blemishes and scars.

18. Balsamum Mirabile, Horstij, The Wonderful Balsam.

Rx Leaves and flowers of Tutsan, Summities of Hypericon, Summities of Oak of Jerusalem, Ground Ivy, A. M. ij. Sage M. j. Ground Pine M. ls. Rhaniß Wine lbj: Digest in a close Vessel for 2 days: then add Old Oyl lbjls. and boyl to the consumption of the Wine: strain, and mix therewith Turpentine

time lbj. Frankincense ℥iv. Myrrh ℥iij. Mastich, Sanguis Draconis, A. ℥ij. storax Calamita ℥i. make a small Ebullition with a gentle fire to melt the Gums, then set it in the sun, or a sand heat for 7 days: and keep it for use.

Salmon.) It is called wonderful because of its Miraculous property of healing all Wounds whatsoever, old and inveterate Ulcers; it heals, helps Trembling, the Palsy, Convulsions, and the Debility of the Nerves, comforts the Head, and restores the Natural heat.

19. Balsamum Terebinthinae, Balsam of Turpentine.

℞ Venice Turpentine lbj. Gum Elemi ℥v. Rosin ℥iij. Powder of Round Birthwort-root ℥ij. Sanguis Draconis ℥iij. melt and mix, and make a Balsam S.A.

Salmon.) It is chiefly designed for Wounds and Ulcers in the Head: and Horstius saith, It is second to none for curing either of Green Wounds, or old Sores, Fistula's and such like.

20. Balsamum Pestilentielle Schroderi, A Balsam against the Plague.

℞ distilled Oyls of Rue, Citrons, Angelica, A. ℥ss. Oyl of Amber rectified gr.v. of Camphir ℥iij. of Nutmegs by expression ℥ss. mix them.

Salmon.) Anoint the Temples, Nostrils, Stomach, and Pulses therewith: and take every morning fasting the quantity of gr. vj. or viij. in a Glass of Canary.

21. Balsamum Benedicum, The Blessed Balsam.

Take Palm Oyl, Gum Elemi,

A. lbviij. Turpentine lbvj. yellow Wax, Rosin, Pitch, A. lbiv. Opium (dissolved in S.V.) lbiiij. Blood red Oyl of Scorpions, red Myrrh, Mastich, A. lbj. mix and make a Balsam, S.A.

Salmon.) It cures all manner of Wounds, old Ulcers, Fistula's, Scurf, Scabs, Morpew, eating Sores, Inveterate Cankers, Pocky Nodes, Pustules and Exulcerations, Pimples, breakings out in the Skin, eases ail manner of pains, extirpates the Leprosy, strengthens weak Limbs, and cures the Gout.

22. Balsamum Venereum, Balsam provoking Lust.

Take Roots of Pyrethrum, Euphorbium, A. ℥j. Cantharides ℥ss. boyl them in Mallagwine lbij. to the consumption of the half: strain, and add Oyl Olive ℥iv. boyl again to the consumption of the humidity: after add, Oyl of Nutmegs expressed ℥i. Oyl of Ants ℥ss. Oyls of Nux Indica, of Castor, A. ℥jss. Chymical Oyls of Cloves, Mace, Spike, A. ℥j. Musk ℥ij. Civet ℥i. mix, and with Caput Mort. of Oyl of Nutmegs expressed, or instead thereof white Wax q. s. make a Balsam of a due thickness.

Salmon.) It excites Lust by anointing the parts of Generation. Videlicet regio inter Anum & testes: nec non pollex dexteri pedis ungantur, egregie juvane ad Coitum: Est enim insignis illeceamentum Matricis, acque venerem stimulando mirabilem erectionem facit & indefinenter sepe operatur, nec quiescet sepe erectio: quando autem voluerit, quod cesset lavabis loca inuncta.

23. Bal-

23. *Balsamum Stipticum*, An Astringent Balsam.

℞ *Emplastrum Stipticum* ℥iv. Oyl of Eggs, enough to make it into a Balsam, to which add Chymical oyls of Cloves, Nutmegs and Sage, A. ℥i. mix them for use.

Salmon.) It confirms, comforts, and strengthens the Stomach, Bowels and Spleen, if anointed therewith causeth Digestion and Concoction, stays Vomiting, stops a Diarrhæa, Dysenteria, and Lienteria; fortifies the Womb, and Reins, and hinders Abortion.

24. *Balsamum Terebinthine Mynsichti*, Mynsichts Balsam of Turpentine.

℞ the Translucid Rubin made by evaporation of the Oyl of Turpentine, powder it, and with rectified S. V. extract a deep Tincture: digest it fourteen days: and in a very gentle B.M. abstract to the half part, then strain and keep it for use.

Salmon.) It expels the Stone from the Reins and Bladder, & gives ease in the pain thereof: It is also powerful in curing a Gonorrhœa: externally also anointing the Regions of those Members, it eases the greatest Nephritick Dolours. Dose inwardly a gut. vi. ad x. in Persicary water, Rhenish Wine, or other fit things.

25. *Balsamum Spasmodicum Mynsichti*, A Balsam against Convulsions.

℞ Fat of Eels ℥j. Oyl of Galbanum (distilled with Spirit of Turpentine) ℥ss. Oyls of Earth-worms and white Lillys, A. ℥iij. Chymical Oyls of Amber, Rosemary, Angelica, Juniper-berries, Camomil, Orga-

num, Bay-berries, A. ℥j. Chymical Oyls of Cloves, Lavender, Sage, Rue, A. ℥i. mix them, and with Oyl of Nutmegs by expression, and white wax, A. q.s. make a Balsam.

Salmon.) It is an excellent thing to cure Convulsions and Cramps (universal evacuations being premised) for it Penetrates, warms and comforts all the Nerves, opens Obstructions, cherishes the Natural heat, and comforts every part. Anoint the part affected, and all the Backbone from the neck down to the Anus twice or thrice a day: but beware of taking cold.

26. *Balsamum Odontalgicum*, A Balsam against the Tooth-ach.

℞ Chymical Oyls of Origanum, of Cloves and Camphir, A. ℥ij. Opium, flowers of Niter, A. ℥j. inspicillate juyce of Henbane, Species Diambre, A. ℥ss. mix and with the Caput Mort. of Oyl of Nutmegs expressed, or white wax ℥ss. make a Balsam.

Salmon.) It gives ease in all manner of pains of the Teeth proceeding from what cause soever: let hollow Teeth be stoppt with Cotton dipt therein.

27. *Balsamus Cephalicus*, A Balsam for the Head.

℞ Oyl of Nutmegs expressed ℥vi. Confect of Anacardiums ℥ij. Ambergrise, Musk, A. ℥i. Cover ℥iij. Oyls of Amber and Lavender, A. gut. vj. mix them.

Salmon.) It wonderfully strengthens and comforts the Head and Brain, and resists most Diseases proceeding from cold affecting them: strengthens the Memory, quickens the Senses,

Dil.

Discusses cold humors, cures Epilepsies, Apoplexies, Convulsions, Palsies, Lethargies, Vertigo's, Megrims, &c. being put into the Nose, the Stomach, Forehead and Temples anointed therewith; and gr.viiij. or x. given inwardly at a time at Night going to Bed. It is good that Women forbear it.

28. *Balsamum Hypnoticum*, A Balsam causing Rest.

Take Oyl of Nutmegs by expression ℥v. Oyls of Roses, Violets, water-Lillys, A. ℥ij. Oyl of Henbane-seeds expressed, Oyl of Bricks, Oyl of Benjamin, A. ℥i. mix well, then add Unguent. Populeon ℥j. Deers Marrow ℥iiij. Opium (dissolved in S.V.) Extract of Saffron, A. ℥iss. Ambergrise, Musk, Adeps Rosarum, A. ℥j. mix and make a Balsam.

Salmon.) It eases pains in the Head and all parts of the Body by anointing; and by applying it to the Nostrils, Temples, Wrists and Soles of the Feet, it causes sleep and rest.

29. *Balsamum Terebinthina simplex*, The simple Balsam of Turpentine.

Take the white spirit of Turpentine turned slimy by Age or thickned by Oyl of Cloves, to every ounce of which add Salt of Lead ℥jss.

Salmon.) It is incomparable in the Cure of Wounds, being dropt into them, and a pledger dipt therein laid over.

30. *Balsamum Sulphuris Schroderi*, Schroders Balsam of Sulphur.

Take Sulphur ℔j. dissolve it in Oyl Olive ℔j. boiling and stirring it with a wooden Spatula, till it is of a blood red colour, then take it from the fire, putting to it Wax ℥ij. and as it cools add by degrees Tincture of round Birthwore ℔ss. Tincture of Mars ℥j. (see it lib. 3. cap. 4. sect. 16.) Oyl of Myrrh ℥ss. stir them off from the fire, till 'tis almost cold.

Salmon.) It is a singular good Balsam for Green Wounds, and by relation, cures them at once dressing: It eases also Aches and Pains in the Nerves and Joynts or other parts of the Body. The Tincture of the Birthwore is thus made: R the roots in powder ℥ij. Catharticum Nitri (in lib. 3. cap. II. sect. 43.) ℥j. Spirit of Wine ℔j. digest in hot ashes or sand, then filter it.

There are other Balsams in Our Doron Medicum. lib. 3. cap. 3. where you have their Compositions, Preparations, Virtues and Uses at large declared.

CHAP.

CHAP. IV.

Of OYNTMENTS.

I. Oyntments more Simple.

1. **U**nguentum Album, White Oyntment.

Colledge.) *R* unripe Oyl of Roses ℥ix . Ceruse (washed in Rose-water and beaten) ℥lii . white wax ℥ii . melt the wax in the Oyl, then put in the Ceruse (after it is searced into spring-water, and then washed in Rose-water, dried, and searced again) so make an Oyntment according to Art. Add Camphir (beaten into powder, with a few drops of Oyl of sweet Almonds) ℥ii . so have you the Oyntment camphorated.

Salmon.) It is an excellent cooling, anodyne and drying Oyntment, good for Scaldings, and Burnings, hot Inflammations, chafing, fretting or galling of the Skin: It dries up Ulcers, and takes away their Itching in the time of Healing.

2. **U**nguentum Ægyptiacum, The Egyptian Oyntment.

Colledge.) Take Verdigrease finely powdered p. v. Honey p. xiv. the best Vinegar p. vii. boyl all together with a gentle fire, to a just thicknes and a reddish colour.

Salmon.) It cleanses Virulent and sanious Ulcers powerfully, and, being used Scalding hot, takes away the Callous from

Fistula's, so used, the pain which it causes soonest ceases: It takes away Proud and Dead Flesh, and is good against Wounds made with Poysoned Weapons or Shot, bitings of Venomous Creatures, corrupted and contused Wounds, prevents Gangrenes, &c. See Our *Doron* lib. 3. cap. 4.

3. **U**nguentum Anodynum, An Oyntment easing pain.

Colledge.) Take Oyl of white Lillies ℥vj . Oyl of Dill and Camomil, *A.* ℥ii . Oyl of sweet Almonds ℥j . Ducks grease, Hens grease, *A.* ℥ii . Yellow Wax ℥iii . mix them according to Art.

Salmon.) 'Tis a very good thing to ease pain in any part of the Body, it asswages Tumors and Inflammations, gives ease in the Gout, and causes rest.

4. **U**nguentum ex Apio, Oyntment of Parsly.

Colledge.) *R* juice of Parsly ℥ij . Honey ℥ix . wheat meal ℥iii . make an Oyntment by boyling to a just thicknes, according to Art.

Salmon.) It opens Obstructions of the Liver and Spleen, eases Pain, discusses Wind, and gently cleanses and heals Wounds and Ulcers.

5. *Unguentum five Linimentum & Gummi Elemi*, Oyntment of Elemi.

Colledge.) Take Gum Elemi, Turpentine of the Fir-tree, *A. ℥iiss.* Old *sueeps suet* cleansed *℥ij.* Old Hoggs greafe cleansed *℥j.* mix and make an Oyntment S.A.

Salmon.) It asswages pain in Sores, fills hollow Ulcers with flesh, and heals them, speedily producing a Cicatrize: It safely heals wounds without danger of festering. It is commonly used to Wounds and Ulcers of the Head, but it will do the Feet in any part of the Body.

6. *Unguentum Aureum*, The Golden Oyntment.

Colledge.) *R. yellow wax ℥℥ss.* common Oyl *℔ij.* Turpentine *℥ij.* Pine-Rosin, Colophony, *A. ℥iiss.* Frankincense, Mastich, *A. ℥j.* Saffron *℥i.* first melt the Wax in the Oyl, then adding the Turpentine, let them boil together: having done boyling, put in all the other things in fine powder (of which let the Saffron be the last) mix diligently with a Ruddle, & make an Oyntment S.A.

Salmon.) It breeds flesh in ulcers and sores where it is wanting, and safely heals them; It is also good against all manner of aches and pains in the nerves and joynts.

7. *Unguentum Basilicon majus*, The Royal Oyntment the greater Composition.

Colledge.) Take yellow Wax, Pine Rosin, Beef suet, Greek or Ship Pitch, Turpentine, Olibanum, Myrrh, ana *℥j.* Oyl *℥v.* powder the Olibanum and Myrrh, and with the rest being melted, make an Oyntment according to Art.

Salmon.) It is called Royal from its great worth and virtues; it digests bad humours, asswage all manner of pains both in old sores and tumors, fills ulcers with flesh and heals them; is good against strains, is cleansing, opening, attractive, anodyne, and gives great ease in the Gout.

8. *Unguentum Basilicon minus* seu *Tetrapharmakon*, The Royal Oyntment, the lesser composition.

Colledge.) Take yellow Wax, fa Rosin, Greek or Ship-pitch, *A. ℥℥ss.* Oyl *℥ix.* mix them together by melting, and make an Oyntment according to Art.

Salmon.) The Vertues are the same with the former.

9. *Unguentum ex Bdelio*, Oyntment of Bdelium.

Colledge.) *R. Bdelium ℥vj.* Euphorbium, Sagapenum, ana *℥iv.* Wax *℥xv.* Oyl of Elder or wall flowers *℥x.* the Bdelium and Sagapenum being dissolved in water or juices of wild Rue, let the rest be united by heat of a Bath.

Salmon.) It was invented against all cold & moist disease of the Brain, Nerves and Joynts: is excellent against Tremblings, Numbness, Palsies, Weakness, Lameness, Convulsions, Cramps, Falling-sickness, Chollick, Gout, and running Gout, anointed on the Sutures of the Head, Temple, Nape of the Neck, whole Back-Bone and Joynts.

10. *Unguentum de Calce*, Oyntment of Chalk.

Colledge.) Take Chalk (washed seven times at least) *℥℥ss.* Wax *℥iij.* Oyl of Roses *℔j.* stir all well in a leaden Mortar: the Wax being

first melted with a gentle fire in a sufficient quantity of the prescribed Oyl.

Salmon.) It is good against scabs, wheals, pimples, raw sores, redness, burning and scaldings, and other things of like nature, being cooling drying and healing.

11. *Unguentum Dialthææ*, Oyntment of Marsh-Mallows.

Colledge.) *Rx* fresh *Althæa* roots bruised ℥iij. seeds of *Lin* and *Fennigreek* A. ℥i. digest three days in water ℥viij. then gently boyl, and expresse the Mucilage, of which take ℥iij. common Oyl ℥iv. boyl them together till the Aquosity of the Mucilage is consumed, then add Wax ℥ij. Rosen ℥ss. Turpentine ℥ii. boyl them to the consistency of an Oyntment.

Salmon.) It is emollient, digestive, discutitive, and anodyne; it eases aches and pains, takes awayitches in the Breast and Sides, helps Pleurisies, softens the hardnesses of the Liver and Spleen, and other Tumors: is good against the Stiffness and Contractions of the Nerves, helps Palsies and Convulsions, shaking Fits of Agues, and parts overmuch cooled; It is a good Conglutinative, and closes the mouth of Wounds.

12. *Unguentum Diapompholigos* *ive Nihil*, Oyntment of Pompholix or Nothing.

Colledge.) Take Oyl of Roses ℥iiij. juce of the Berries of Garden Nighshade ℥iv. white Wax, Cese washed, ana ℥iv. Lead, macerated three days in the best Vinegar, then dried and beaten, Pompholix prepared, ana ℥iiij. pure Frankincense ℥j. boyl the Oyl and Juce to the consumption of the Aquosity; then dissolve therein

the Wax, after add the powders being very fine; and by a continual stirring with a wooden slice or spatula till it waxes cold, make an Oyntment.

Salmon.) It is cooling, drying, binding, repercussive and anodyne: It cures Ulcers excellently, especially in the Eyes, being mixt with Oyntment of Tutty, for it cools them, dries up their moisture, takes away their malignity, eases their pain, breeds flesh and heals; It is of great use in Ulcers and running Sores of the Legs, Shins and parts depending: anointed on the Reins of the Back it stops the Hemorrhoids; smeared on the Temples it causes rest, and eases the Head-ach. It stops bleeding in Wounds, and a flux of humors in Ulcers. It takes its name from *Pompholix*, which in Latine is called *Nihil*, in English *Nothing*, so denominated from its exceeding lightness.

13. *Unguentum Enulatum*, Oyntment of Elecampane.

Colledge.) Take Roots of *Elegampane* boyled in Vinegar, bruised and pulped ℥ij. Turpentine washed in their Decoction ℥iiij. yellow Wax ℥j. Old Hogs Lard salted, Old Oyl, A. ℥iv. Common Salt ℥ss. To the Grease, Wax and Oyl melted, add the Turpentine, the Pulp, and Salt finely powdered, and make an Oyntment, S. A.

Salmon.) It was invented against Scabs, Itch, Tetters, Ringworms, Leprosy, &c.

14. *Unguentum Enulatum cum Mercurio*, Oyntment of Elecampane with Quicksilver.

Colledge.) It is made of the former Oyntment by adding Quick-silver

silver Ziij . killed by continual stirring not only with spittle or juice of Limons, but with all the Turpentine (i.e. the aforesaid quantity) kept for the intent, and part of the Grease in a stone Mortar.

Salmon.) It has the Virtues of the former, but is much more powerful. It is also successfully used against Pains and Nodes in the Shins, Pocky Scabs, Pustules and Ulcers; but too much or unseasonably used, may bring Aches upon the Patient (if not very strongly) not easy to be removed.

15. Unguentum Laurinum Vulgare, Oynment of Bays, Common.

Colledge.) Take Bay-leaves bruised lbj . Bay-berries bruised lbss . Cabbage-leaves Zij . Naats-foot Oyl lbv . Beef-suet lbij . boyl them together and strain them, to be made into an Oynment according to Art.

Salmon.) It is an admirable thing against all cold and moist Diseases of the Brain, Nerves, Stomach, Liver, Spleen, Reins, Womb, and Joynts. It helps weariness, is good for old Aches and Sprains, withered Limbs, and such as waste and consume away, expels Wind (in Clysters) is prevalent against the Palsy, Cramp, Convulsions, Tremblings, Numbness, Fits of Agues, &c.

16. Unguentum de Minio seu Rubrum Camphoratum, Oynment of red Lead Camphorated.

Colledge.) R. Oyl of Roses lbss . red Lead Ziij . Litharge Zij . Ceruse Ziij . Tutia Ziij . Camphir Zij . wax Ziij . with a Leaden Mortar and Pestle make an Oynment. The wax being first melted at a gentle

fire, add presently the other things in fine powder.

Salmon.) This is a cooling, drying, anodyne Oynment, It dries and heals old Sores and Ulcers wonderfully.

17. Unguentum d Nicotiana, seu Peto, Oynment of Tobacco.

Colledge.) Take Tobacco leaves lbij . fresh Hogs Grease well washed lbj . bruise them in a Marble Mortar, and add red wine Ziij , digest them together for a whole night then boyl it with a gentle fire; continually stirring of it till the wine is consumed: strain, and setting it over the fire again add clarified juice of Tobacco lbj . Venice Turpentine Ziv . boyl them again to the consumption of the juice; after add round Birthwort root in powder Zij yellow wax a sufficient quantity, to make it into an Oynment according to Art.

Salmon.) It is a very excellent Oynment to ease all manner of Pains in any part of the Body, chiefly of the Gout, and running Gout; It cures bruises, Wound though made with poisoned Weapons, bitings of all Venomous Creatures, Old Sores, Ulcers, Fistula's, Cankers, Scabs, Itch, Tettars, Ring-Worms, Bitches, Boils, Tumors, Apopt humes; all sorts of Burning and Scaldings, though with Oyl Pitch or Gun-Powder. In rotten putrid Sores, Ulcers and Fistula's, it scales the Bones (if corrupted) without Instrument taking away all the rottenness, dead flesh and putrefaction, and breeding good and sound flesh performing in those cases all the intentions of Curing; It is good

against

against Asthma's, Pthificks, Coughs and other Diseases of the Lungs, the Cholick, Illiack passion, Hæmorrhoids; being anointed upon the parts afflicted, &c. See more lib. 1. cap. 4. sect. 443.

18. *Unguentum Nutritum*, seu *Tripharmacum*, Oyntment of three things.

Colledge.) R. *Lytarge of Gold* finely levigated lb. ss. *Wine Vinegar* ℥v. *Oyl of Roses* lb. j. Grind the *Lytarge* in a Mortar, putting to it by turns, sometimes *Oyl*, sometimes *Vinegar*, till by a continual stirring, the *Vinegar* does no more appear, and it comes to a whitish Oyntment.

Salmon.) It is cooling, drying, and anodyne, good against inflammations, burnings and scaldings; drys, heals and skins Sores and Ulcers; takes away the Itch of Wounds, cures Scabs, Tetter, Ring-worms, and other deformities, and discolourings of the Skin.

19. *Unguentum Ophthalmicum*, An Oyntment for the Eyes.

Colledge.) Take *Deers suet* (washed in *Plantane* and *Rose-water*) ℥j. *Lapis Calaminaris*; *Tinctia* prepared, A. ℥ij. *white Lead* washed ℥ii. mix, and by a continual stirring make an Oyntment according to Art.

Salmon.) Here is wanting the fine Bole, (washed in *Rose-water*) ℥j. *Pearls* levigated ℥ss. *Camphir* ℥ss. *Opium* gr. v. which has made the Medicine by so much the worse: If these latter things be added, you will find it an excellent thing to ease pain and cool inflammations in the Eyes; dry up Rhumes, and cure moist running

Ulcers there, anointing with it upon the Eye-lids.

20. *Unguentum ex Oxylapatho*, Oyntment of sharp pointed Dock.

Colledge.) Take roots of *sharp pointed Dock*, (boyled in *Vinegar* till they are soft, then pulped: *Brimstone* (washed in *juice of Limons*) A. ℥ss. *Hogs grease* often washed in *Scabious water* lb. ss. *Unguentum Populneum* (ground with the *juice of Elecampane*) ℥ss. *Oyl of Rhodium* a few drops; make them into an Oyntment in a Mortar according to Art.

Salmon.) It was invented to cure the Itch, besides which it is excellent good against Scabs, Pimples, and other breakings out and deformities of the Skin.

21. *Unguentum d Plumbo*, Oyntment of Lead.

Colledge.) Take *Oyl of Roses* ℥vj. *Lead burnt*, *Lytarge*, A. ℥x. *Turpentine* ℥j. *Ceruse*, *Antimony*, A. ℥ss. *white wax* ℥ij. make an Oyntment in a *Leaden Mortar*, stirring of it well S. A.

Salmon.) In this they have added the *Turpentine* and *white Wax*: It has the Virtues of the *Tripharmacum* at sect. 18. only this draws and cleanses more.

22. *Unguentum Pomatum*, Oyntment of Apples.

Colledge.) R. *fresh Hogs grease* lb. iii. *new Sheeps suet* ℥ix. *Pome-water's* pared and cut lb. j. ℥ix. the best scented *Rose-water* ℥vj. *Florentine Orrice* grossly powdered ℥vj. boyl them together in B. M. till the Apples are soft, or begin to be dissolved; then strain (without pressing) and keep it for use. In the mean

God Sea.

season, warm it a little again, and wash it with new Rose-water, adding to every pound thereof Oyl of Rhodium, gut. xij.

Salmon.) It is emollient, cooling and Anodyne: it supple the roughness of the skin, heals chops of the lips, hands or face, breakings out, pimples and shingles, takes away scurff and redness, and comforts weary Limbs.

23. *Unguentum Aliud simplicius*, Another Oynment more Simple.

Colledge.) Take fresh Goats Suet (macerat'd in Rose-water) lb. v. Camphir ʒijss. make an Oynment S. A.

Salmon.) The Virtues are the same with the former, but this cools more.

24. *Unguentum Potabile*, An Oynment to be taken inwardly.

Colledge.) Take new made Butter without salt ʒijss. Sperma Ceti, Madder, Tormentil Roots, Castoreum, A. ʒss. boyl them as they ought to be in a sufficient quantity of sweet scented Wine, till the Wine is consumed, and make an Oynment according to Art.

Salmon.) Because it was designed for an inward Medicine, it is made void of Grease, or other nauseous matter. It was invented to heal inward bruises, soreness of the Breast and Lungs, and the like distempers of those parts. Dose ab ʒss ad ʒj. In Sack, Alicant or Malaga Wine, letting the Patient be covered warm in his naked Bed, and so sweat upon it.

25. *Unguentum Resinum*, Oynment of Rosin.

Colledge.) Take pure Pine Ro-

sin, Turpentine, yellow Wax washed, pure Oyl, A. equal parts: melt the Wax and Rosin in the Oyl, then the Turpentine being added, let all be strained, and with a gentle fire boyled to a just thicknes.

Salmon.) It is excellent against pains, aches, sprains, weakness of the Nerves, feebleness of the Limbs, and the Gout: spread it as a Searchcloth and apply it.

26. *Unguentum Rosarum*, Oynment of Roses.

Colledge.) Take of fresh Hogstard, cleansed and well washed lbj. and adding fresh red Roses lbj. let them stand together 7 days, after boyl with a gentle fire and strain: repeat the same work with fresh Roses bruised for seven days more, then boyl and strain as before. At length affuse juyce of red Roses ʒvj. Oyl of sweet Almonds ʒij. boyl them with a small fire to the consumption of the juyce, strain, and make an Oynment, S. A.

Salmon.) It is cooling, Anodyne, and refreshes weak, pained and wearied Limbs, heals gaulings and frettings of the skin, angry pushes, tetters, ringworms; and has all the other Virtues of Oyl of Roses, which see in its place.

27. *Unguentum Rubrum deficcans*, The red Drying Oynment.

Colledge.) R. Oyl of Roses Omphacine lbj. white Wax ʒv. being melted strew into them in a leaden Mortar, Terra Lemnia, or fine Bole, Lapis Calaminaris levigated, A. ʒiv. Litharge of Gold, Ceruse, A. ʒij. Camphir ʒj. make an Oynment according to Art.

Salmon.) It cools, dries, heals

and skins sores, stops the flux of humors to any part, prevents ill accidents, cures Wounds and Ulcers, digests and consumes moisture.

28. *Unguentum Rutaceum*, Oyntment of Rue.

Colledge.) R^e green Rue. M. iv. *Origanum*, Pennyroyal, Mint, Wormwood, Sage, A. M. ii. bruise them in a stone Mortar, put to them Hogs lard salted or old lb. iii. digest four days in an earthen Vessel in Horse-dung, till the Grease is melted; then press it strongly out in a Press, and add new herbs, repeating this work four times, Take of this Digestion ℥xvj. Deers Marrow, Oyl of Bays, A. ℥iv. *Tacamahac*, Elemi, A. ℥iii. Oyl of Nutmegs by Expression ℥ii. of Juniper-Berries, of Rosemary, of Spikenard, Petroleum, A. ℥i. Castile Soap, ℥vj. Essence of Castoreum extracted with S. V. rectified ℥ii. mix, and melt what are to be melted with a gentle fire, then adding the Oyls at the end, make an Oyntment or Balsam according to Art.

Salmon.) It heals, dissolves, dissolves, maturates, is Carminative, Arthritic and Anodyne: good against most Diseases of the Head, Brain, Stomach, Womb, Reins, Nerves and Joynts. It prevails against the Palsy and dead Palsy, loss of Memory, Catarrhs, Vertigo, Megrim, Carus, Lethargy, Convulsions, Cramps, the Cholick, withered Limbs, weakness of the Joynts, Gouts, Rickets in Children; it dissolves hard tumors, softens and dissolves nodes, and is of singular use in all cold and moist Diseases whatsoever.

29. *Unguentum de Solano*, Oyntment of Night-shade.

Colledge.) Take juice of Night-shade, Licharge washed, A. ℥v. Ceruse washed ℥viii. white wax ℥vii. Frankincense in powder ℥x. Oyl of Roses washed oftentimes in water, lb. ii. make an Oyntment according to Art.

Salmon.) The Virtues are the same with Oyl of Mandrakes; and to be used in the same manner, only this is much more drying, and therefore better for Wounds which are near cured, because it takes away that sharp itching humor.

30. *Unguentum Tutia*, Oyntment of Tutia.

Colledge.) Take Tutia prepared ℥ii. Lapis Calaminaris twice or thrice burnt, and quencht in Plantane-water ℥i. Levigate them, and with Oyntment of Roses lb. iis. make an Oyntment according to Art.

Salmon.) It is intended against sore, inflamed, smarting, hot and rheumatick Eyes: and is best to be mixed with an equal quantity of Diapompholigos, and to be laid or anointed on the Eye-lids and corners of the Eyes, in the day-time, and spread upon two linnen cloths, and laid over the Eyes at night going to bed; washing it off the next morning with white Rose-water; thus used, it will have a powerful effect.

31. *Valencia Scabiosa*, The Oyntment or Power of Scabious.

Colledge.) Take juice of green Scabious, pressed out with a press, and strained through a Cloth: Hgs grease cleansed, ana, as much as you please. Let them be beaten with a Pestle in a Stone Mortar (not

CCC 3

Ground)

ground) putting in the juyce by degrees, for the more commodious mixture and Tincture: after let them in the Sun in a convenient Vessel, so as the juyce may overtop the grease: 9 days being passed, casting off the thin and discoloured juyce, beat it in a Mortar as before, then insolate it again five days; which being elapsed, beat it again, adding fresh juyce of Scabious by degrees: Insolate it again in its own Vessel for 15 days, freeing it as before from its Aquosus humidity. In like manner repeat it again for other 15 days, with fresh juyce, which reiterate 5 times: at last beat it diligently, and in a glass or glazed Vessel keep it for use.

Salmon.) After this manner you may have the Power of any Herb whatsoever. It was invented by one John Arderne of Newark upon Trent (a famous and experienced Chyrurgion) about 300 Years ago, who flourished Anno 1370. in the Reign of Edward the Third, King of England. This Oyntment is an excellent thing against Scabs, Itch, Mange, Carbuncles, Bubo's, Plague Sores (which it cures in three or four days, if mixt with a little Camphir). Morphew, Freckles; Tettars, Ring-worms, white Films and Pearls growing over the Eyes, Wounds, Ulcers, (Venereal or not) Tumors, Boyls, Pustles and the like. It is also prevalent against Obstructions of the Lungs, the Stomach being anointed therewith.

32. *Tappvalentia*, Oyntment or Power of Mullein.

Colledge.) Take juyce of Mullein, Hogs-grease, ana, as much as you please; cleanse the Grease, cut it in

pieces, and beat it with the juyce pressed out and strained as in the former Oyntment: keep it in a convenient Vessel nine or ten days; then beat it well twice, once more with fresh juyce, until it be green; and another time without juyce, (first casting away what is thin and discoloured) then keep it as it ought to be for use.

Salmon.) It softens and eases the pain of hard Swellings: anointed on the Belly it stops a Looseness, and the Bloody Flux: so also if given in a Clyster: anointed on the Crown of the Head and Sutures, Nape of the Neck and Stomach, it stops Catarrhs, and is excellent against a Cough of the Lungs: It has been found also by experience to cure the Piles

33. *Tapsmel*, Honey of Mullein.

Colledge.) Take juyce of *Tapsum*; *Barbatus* or Male Mullein, juyce of *Celandine*, A. p. j. clarified Honey p. ii. boyl them by degrees till the Juyces be consumed: adding (the Physician prescribing) Vitriol and Alum burnt with Ink, and boyling again that it may be made an Oyntment according to Art.

Salmon.) The simple Tapsmel without the Vitriol, Alum and Ink) has the Virtues of the former, being taken inwardly three times a day $\mathfrak{z}\text{ij}$. or $\mathfrak{z}\text{ijss}$. at a time: It stops Catarrhs powerfully, and is very good against the Falling-sickness: That with the Vitriol, &c. is good to cleanse old Sores, Ulcers and Fistula's, to take away a Calous, and eat away dead and proud Flesh, &c.

II. Oynt-

II. Oyntments more Compound.

34. *Unguentum adstringens*, An Astringent or binding Oyntment.

Colledge.) Take Oyl of Roses often washed in Alum water ℥ijss. white Wax ℥iv. unripe Galls, Cyprus nuts, Myrtle berries, Balau-
bians, Pomegranate peels, skins of Acorns (the Cups are better) Acacia, Sumach berries, Maſſich, A. ℥j. all being well beaten, macerate them in the juyces of Medlars and Services for 4 days; then dry them at a small fire, and with Oyl of wax make an Oyntment according to Art.

Salmon.) It was invented to stop the fluxes of the Terms and Whites, prevent Abortion, stop a Diarrhæa, Dysenteria, Senteria, and flux of the Hæmorrhoids. It is good to anoint with in Ruptures, strengthen weak Limbs, confirm luxated members, comfort the Womb, heal green Wounds, dry up and skin Ulcers.

35. *Unguentum Agrippæ*, King Agrippa his Oyntment.

Colledge.) Take roots of Briony ℥ij. roots of wild Cucumers lb. j. quills sliced lb. ss. our flower-deluce root fresh ℥ij. Roots of the male Fern, of Dwarf-elder, of water Calrops or Aron, A. ℥j. bruise them all being fresh, and digest them six or seven days in the whitest old Oyl nor ank lb. iv. after boyl a little, and press them out. In the Oyl melt white Wax ℥xv. and make an Oyntment i. A.

Salmon.) It is an excellent thing for all Flegmatick and Wa-

tery Tumors in the external parts, great Bellys, Dropsy's, &c. by anointing the parts therewith: anointed on the Belly it kills Worms, and expels water by Stool, and so is very good to cure Dropsies, and other watery Diseases: It helps also the pain and hardness of the Spleen.

36. *Unguentum de Alabaſtro*, Oyntment of Alabaſter.

Colledge.) Take of the juyces of Cammomil ℥iv. of red Roses, of Althæa roots, A. ℥ij. of green Rue, of Betony, A. ℥jss. Oyl of Roses Omphacine lb. jss. pure Alabaſter in fine powder ℥ij. mix them, and let them alone till the following day, then boyl to the consumption of the juyces, and with white Wax ℥vj. make an Oyntment according to Art.

Salmon.) It was invented to ease pain in any part, but chiefly in the Head: some Authors say, It is a specifick for all sorts of Head-achs, whether essential in the Head, or arising by consent of other parts, with or without a Feaver, anointing it on the Forehead, Temples, Nostrils, Pulses, Soles of the Feet and Testicles.

37. *Unguentum Amarum*, The bitter Oyntment.

Colledge.) Take Oyls of Rue, of Sawin, of Mint, of Wormwood, of bitter Almonds, A. ℥jss. juyces of the flowers or leaves of Peaches and Wormwood, A. ℥ss. Powders of Rue, Mint, Gentian, Centory the less, Tormentil, A. ℥j. Seeds of Colewort, Pulp of Colocynthis, A. ℥ij. Aloes Hepatick ℥ij. meal of Lupins ℥ss. Myrrh (washed in Grass-water) ℥jss. Bulls Gall ℥ss. with juyce of Limons a sufficient quantity, and wax

Cccj

℥jss.

Ziss. make an Oyntment S.A.

Salmon.) Anointed on the Belly and Stomach it expels Water, & kills Worms, opens Obstructions of the Liver and Spleen, and provokes Urine: anointed on the Region of the Womb it provokes the Terms, and expels the Child dead or alive.

§8. Unguentum Apostolorum, Oyntment of the Apostles.

Colledge.) *R Turpentine, Resin, yellow Wax, Ammoniacum, A. ʒxv. roots of long Birthwort, male Frankincense, Battium, A. ʒvj. Myrrh, Galbanum, A. ʒss. Opopanax ʒiij. Verdigrise ʒii. Litharge ʒix. Oyl ʒiiij. Vinegar a sufficient quantity to dissolve the Ammoniacum, Opopanax, and Galbanum: The Baelium, Galbanum, Ammoniacum, and Opopanax digest twelve hours in the Vinegar upon hot ashes, then make them boyl; being melted, strain and with a gentle heat let them be reduced to the thickness of Honey, to which whilst warm put the Turpentine. In the mean season levigate the Litharge, which grind in part of the Oyl by a gentle fire, after add the rest of the Oyl by degrees, in which melt the Wax and the Resin grossly beaten; being removed from the fire, mix therewith the afore prepared Gums, then the Aristolochia, Myrrh, and lastly, the Frankincense and Verdigrise reduced to powder; stir it continually with a Spatula till it has the consistency of an Oyntment.*

Salmon.) This was intended against Wounds, old Sores, Ulcers and Fistula's hard to cure, which are hollow with oblique turnings and windiness. It searches foul and filthy Ulcers, purges,

cleanses and drys them, takes away putrefaction, eats away corrupt, proud and dead flesh, removes a Callous, makes flesh soft which is hard, and restores it where it is wanting.

39. Unguentum Aregon, The helpful Oyntment.

Colledge.) *R Tops of Rosemary, Marjoram, Mother of Time, Rue, Roots of Aron, wild Cucumers, A. ʒiijss. Bay leaves, Sage, Savin, Bryony Roots, A. ʒiij. Flea-bane, Laurel, A. ʒix. leaves of wild Cucumers, Nep, A. ʒss. let all of them being gathered in May, cleansed and bruised, be steeped 7 days in Oyl Olive ʒlv. S. V. ʒij. boyl them gently till the Spirit and Aquosity be consumed, then strain the Oyl, in which melt Wax ʒxv. Bears grease, Oyl of Bays, A. ʒiij. Moschelaum ʒss. Petroleum ʒj. Butter ʒiv. stir them and put in these following things in powder, Mastic, Olibanum, A. ʒvj. Pyrethrum, Euphorbium, Ginger, Pepper, A. ʒj. make them into an Oyntment S.A.*

Salmon.) This is one of the four hot Oyntments, and is prevalent against all cold Disease of the Body, as Palsies, Convulsions, Cramps, Stiffness of the Nerves and Joynts, Falling-sickness, Lethargy, &c. It attenuates, digests, and is Anodyne helps pains of the Back and Reins, the Cholick, pains of the Stomach and Sides coming cold & all cold Diseases of the Womb, and expels Wind. It is of use to anoint Scabs with arising from the Venereal Disease and prevails against Tertians & Quartans, being anointed upon the Sutures of the Head, Temple

ples, Fore-head, Back-bone and Pulses, &c. In the old Book it was Oyl ℥vi . Wax ℥xvi . Masticke, Olibanum, A. ℥vij .

40. Unguentum de Altanita, Oyntment of Sow-bread.

Colledge.) Take juyce of Sow-bread, (or for want of it strong Decoction of the Roots) ℥iiij . juyce of wild Cucumbers, Cows Butter, A. ℥ij . Oyl of Orrice ℥ij . Pulp of Coloquintida ℥iv . Polypodium ℥vj . Euphorbium ℥ls . let the Polypody and Euphorbium be accurately beaten, and the colocynthis cut very small: then let them be macerated in a glazed Vessel close shut eight days, afterwards boyl in a double Vessel till the juyce be almost consumed; press it out, and dissolve in the liquor yellow wax ℥v . whilst it is yet warm, mix with it Sagapenum (dissolved in Vinegar) Bulls Gall (boyled in a bath to the thicknes of Honey) A. ℥j . Then put in these following things in powder: Scammony, Turbith, Coloquintida, berries or leaves of Mezereon, Aloes, A. ℥vij . Sal Gem ℥iv . Euphorbium, Long Pepper, Myrrh, Ginger, Camomil flowers A. ℥iiij . make them into an Oyntment S. A.

Salmon.) It was designed for delicate persons which will not take purgatives by the Mouth, purges flegm and watery humors, expels the Dropsy anointed on the Belly below the Navel, for it plentifully evacuates the watery humors which arises in that Disease, kills Worms and drives them forth: It is a notable kind of Purge; but anointed upon the Stomach and above the Navel on the Belly it causes Vomit, and evacuates flegm that way.

41. Unguentum Cataplasmae, An Oyntment against Scabs and Itch.

Colledge.) R. Ceruse washed in Purslane-water, then in Vinegar wherein wild Radish roots have been steeped and pressed out Lapis Calaminarius, Chalciton, A. ℥v . Burnt Lead, Goats blood, A. ℥ls . Mercury sublimated ℥j . juyce of Houseleek, Nightshade, Plantane, A. ℥ij . Hogs Lard ℥iiij . Oyls of Violets, of Poppys, of Mandrakes, A. ℥j . first let the sublimated Lead, then the Oyls, Juices and Pouders be mixed, and so made in to an Oyntment S. A.

Salmon.) The Title shews the Virtues, for which 'tis an excellent thing, and will be sure to do the feat, but not without danger, unless carefully used: 'tis wondrous good against all Pocky scabs, Mange, Pustules, Pimples and breakings out.

42. Unguentum Citrinum, The Citron Oyntment.

Colledge.) R. fresh Hogs Lard ℥ijss . Hens grease ℥j . the outward rind of Citrons bruised ℥ij . digest them a good while in a warm place, then strain and press out, and add Goats or Deers suet ℥jss . Saccharum Saturni (dissolved in Rose-water) ℥ij . sacula of Dragonwort or Briony ℥j . stir them together a good while and very well, and add again white Coral ℥ls . Umbilicus Marinus, Crystal shells of the Limpet and horn Limpet, prepared A. ℥ij . white Alabastrer (boyled in distilled Vinegar, and evaporated to dryness) ℥ij . Tragacanth (dissolved into a thick mucilage in Rose-water) white Sarcot, Niter, white Frankincense, all in fine powder, A. ℥iiij . white Venerian Borax beat-

en Zij. Camphir (dissolve in Spirit of Roses, or the aforesaid Lard)
Zijss. make an Oynment according to Art.

Salmon.) This is so much altered from that in their Old Dispensatory, that it is scarcely like it. It was intended to take away the deformities of the Skin, as Scabs, Pimples, breakings out, redness, scurf, morpew and roughness of the Skin: some say, it will take away Freeckles, but that I question much: it is a good drying and healing Oynment.

43. Unguentum Comitisse, The Countesses Oynment.

Colledge.) Take the middle barks of Acorns, of Chestnuts, of Oaks, of small black Beans, Mistle berries, Horse-tail, unripe Galls, Grape-stones, unripe Services and Medlars dried, Sloe-tree leaves, Roots of Bisfort and Tormensil, A. Zijss. Let them be all grossly beaten and boyled in Plantane water lb. x. to the half. Then take new yellow wax Zviijss. Oyl of Myrtles simple lb. iijss. juice of Hypocistis Zijss. melt these, and wash them nine times in the aforesaid Decoction, being washed and melted, sprinkle in these following powders; middle Barks of Acorns, of Chestnuts, of the Oak tree, Galls not perforated, Ash s of the Bones of Ox Legs, Mistle-berries, unripe Grape-stones, unripe Services dried, A. Zijss. Troches of Amber Zijss. mix them and with Oyl of Mastich, a sufficient quantity, make an Oynment S. A.

Salmon.) It is an excellent binding and strengthening Oynment, good to anoint Sprains, Luxations, Ruptures, weak Backs, and to stop the falling out of the

Fundament: The Belly and Reins being anointed with it, it prevents Abortion, stops all sorts of Fluxes, the overflowing of the Terms, and the Whites, having all the Virtues of Unguentum adstringens aforesaid.

44. Unguentum Hemorrhoidale, An Oynment for the Piles.

Colledge.) Take of the Mucilage of Flea-wort Seeds, and of Quinces (made in Night-shade water) A. Zijss. Oyl of Roses compleat Zij. The yolk of one Egg: Hens grease Zij. stir them well in a Mortar of Lead, with a Leaden Pestel, then add a little yellow wax melted, and make an Oynment according to Art.

Salmon.) The Title shews you the use thereof, besides which it eases pain much.

45. Unguentum Martiatum, The Souldiers Oynment.

Colledge.) Take fresh Bay-leaves lb. iij. Rue lbijss. Marjoram lbij. Mint lb. j. Sage, Wormwood, Costmary, Bazil, A. lb. ss. Oyl Olives lb. xx. yellow wax lb. iv. Maltage wine lb. ij. of all of them being bruised, digested, boyled and pressed out as they ought, make an Oynment S. A.

Salmon.) It is a good Cephalick, Arthriticke, Emollient, Diffusive, and Anodyne, having all the Virtues of Unguentum Aragon aforesaid. It opens Obstructions of Stomach, Liver and Spleen, is profitable against the Gout and Sciatica, dissolves cold swellings, and strengthens much, especially all the Nerves, Muscles and Joynts. Putat Salernitanus hoc unguentum debere vocari Martianum à Martiano: Manlius Martianum à Martiatone Medi-

zo peritissimo illius inventore. Doubtless it is an Excellent Oyntment to be used in Camps, and for Souldiers to anoint their cold stiff and weary Limbs with, thereby to take away Aches and Pains contracted by lying abroad in the Field, in cold and hard weather.

46. *Unguentum Mastichinum*, Oyntment of Mastich.

Colledge.) *R* Oyls of Mastich, of Wormwood and of Spicknard, *A.* \mathfrak{z} j. Mastich, Mint, red Roses, red Coral, Cloves, Cinnamon, Xyloaloes, Schenanth, *A.* \mathfrak{z} j. Wax q.s. make an Oyntment S.A.

Salmon.) The Virtues of this are the same with the former, save this binds and strengthens more, fortifies the Stomach, helps indigestion, comforts and warms the whole Body, and all the internal Senses : anoint it down the whole Back-bone, as also the place afflicted.

47. *Unguentum de Mucilaginis*, Oyntment of Mucilages.

Colledge.) *R* Oyls of white Lilies, of Orrice, of Violets, of Camomil, *A.* \mathfrak{z} vj. Mucilage of the Seeds of Line, of Quinces, of Fennugreek, Roots of Althæa, *A.* \mathfrak{z} iv. Ducks and Hens grease, *A.* \mathfrak{z} v. white wax lb.j. mix and make an Oyntment S.A.

Salmon.) It is an Emollient, Maturative and Anodyne : is good to ripen and break tumors whether Pestilential or not, for which purpose you may mix it with maturative Cataplasms.

48. *Mundificativum ex Apio*, The Mundificative of Parsly.

Colledge.) Take Juice of Parsly lb.j. Honey \mathfrak{z} ix. wheat meal \mathfrak{z} ijj. boyl them till they be thick, and

make an Oyntment according to Art.

Salmon.) This is rather a Pultise then an Oyntment, however the Colledge came to place it here. It ripens tumors and swellings, and cleanses Wounds.

49. *Unguentum Neapolitanum*, An Oyntment against the French-Pox.

Colledge.) *R* Hogs grease (washed in juce of Sage) lb.j. Quick-silver strained through leather, \mathfrak{z} iv. Oyls of Bays, Camomil and Earthworms, *A.* \mathfrak{z} ij. Oyl of Spike \mathfrak{z} iss. S.V. \mathfrak{z} j. yellow wax \mathfrak{z} ij. Turpentine (washed in the juce of Elecampane) \mathfrak{z} ijj. pouders of Chamepitys and Sage, *A.* \mathfrak{z} ij. boyl the grease in juce of Sage with a gentle fire to the consumption thereof, mix therewith the Oyls of Camomil, Earthworms and Spike, as also the wax : stir them with a spatula till the wax is thoroughly melted and mixed. Then removing from the fire, add the Oyl of Bays. In the mean season let the Mercury be killed with part of the Hogs grease and Turpentine in a Mortar, afterwards mix them all together by stirring. Lastly, adding the pouders and S.V. stirring them well again, make an Oyntment according to Art.

Salmon.) It is designed for the Cure of the French Disease, and removing Aches and Pains from the Bones and Shins : If the Joynts and under the Arm-holes &c. be anointed therewith, it performs the cure by fluxing ; but beware of using it to the Belly, lest it cost the Patient his life : moreover they ought to be very careful, lest they should take cold and so be endangered :
but

but it may, if carefully used, cure the Itch, and all Venereal Scabs, Pustula's, and breakings out. as also scald Heads, and pains and Tumors in the Skin: let it be only used to strong Bodies.

50. *Unguentum Nervinum*, An Oynment for the Nerves or Sinews.

Col.) *R* Comflip leaves with the flowers, Sage, Chamepitys, Rosemary Lavender, Bay-leaves with the Berries, Camomil, Rue, Parsly, Melilot, with the flowers, Wormwood, A. M. j Mint, Betony, Pennyroyal, Stone Parsly, Centory the less, Hypericon, A. M. ss. Oyl of Sheep or Bullocks feet $\mathfrak{H}\mathfrak{v}$. Sheep or Bullocks suet, or the Marrow of either $\mathfrak{H}\mathfrak{ij}$. Oyl of Spike $\mathfrak{z}\mathfrak{ss}$. the Herbs being bruised or boyled with the Oyl and suet, make an Oynment S. A.

Salmon.) It is Dedicated to the Nerves, to comfort strengthen, and amend their defects proceeding from Cold Palsies, Dead Palsies, Convulsions, Cramps, Numbness, Bruises and old Aches, being anointed on the Situres of the Head, Nape of the Neck, and all along the Backbone: It comforts the Liver, Spleen and Womb, expels Wind, and helps the Cholick, having all the Virtues of *Unguentum Aregon*.

51. *Unguentum Pectorale*, A Pectoral Oynment.

Colledge.) *R* fresh Butter (washed in violet water) $\mathfrak{z}\mathfrak{vi}$. Oyl of sweet Almonds $\mathfrak{z}\mathfrak{iv}$. Oyls of Camomil and Violets, A. $\mathfrak{z}\mathfrak{ij}$. Hens and Ducks grease, A. $\mathfrak{z}\mathfrak{ij}$. Orrice roots $\mathfrak{z}\mathfrak{ij}$. Saffron $\mathfrak{z}\mathfrak{ss}$. white Wax $\mathfrak{z}\mathfrak{ij}$. the Saffron and Orrice roots being finely poudred, with the other things being melted make an Oynment S. A.

Salmon.) It is an Anodyne Oyntment, and eases pain in any part, though it was chiefly intended for the Brest; where it eases Pains, Stitches, Pleurisies, Phthicks, Asthma's, &c. being anointed thereon. In Clysters it eases the Gripping of the Guts.

52. *Unguentum Populneum*, Oyntment of Poplar Buds.

Colledge.) Take of fresh Poplar Buds $\mathfrak{H}\mathfrak{ij}$. Violet leaves, Navelwore of the Wall, A. $\mathfrak{z}\mathfrak{ij}$. new Hogs Lard not salted, and washed $\mathfrak{H}\mathfrak{ij}$. all of them being bruised, mixed, and macerated in the month of May, add the tender tops of the Bramble, leaves of black Poppies, leaves of Mandrakes, or the leaves and berries of Mountain Elder, Henbane, Nightshade, Lettice, Houfleck, the greater and lesser, the greater Burdock, A. $\mathfrak{z}\mathfrak{ij}$. being all beaten again together, and well mixed; after ten days assuse Rosewater $\mathfrak{H}\mathfrak{ij}$. boyl it gently (continually stirring it with a spatula) till all the superfluous humidity is consumed, then strain and press it out with a skrew that it may be an Oynment S. A.

Salmon.) It is an excellent cooler: It softens and eases pain; is good against violent Peavers, Restlessness, want of Sleep, Head-Ach, pain and heat of the Back, Burnings and Scaldings: If to $\mathfrak{z}\mathfrak{j}$ hereof you add Opium (dissolved in Spirit of Wine, and almost inspissared) $\mathfrak{z}\mathfrak{ss}$. you have an excellent Oyntment against the Gout and Ruing Gout.

53. *Unguentum Resumpridium*, The Restoring Oyntment.

Colledge.) *R* fresh Hogs-grease $\mathfrak{z}\mathfrak{ij}$. Hens, Goose, and Ducks grease, A. $\mathfrak{z}\mathfrak{ij}$. soft Oeslypus $\mathfrak{z}\mathfrak{ss}$. Oyls of
swage

Sweet Almonds, of Camomil, of Dill A. ʒj. new Butter not salted ℥j. yellow wax ʒvj. Mucilages of Gum Tragacanth and Arabick, of Quince seeds and Linsseed, of Althæa roots, A. ʒiſs. and of Fenugreek seeds ʒſs. the wax being cut into bits, is first to be melted with the oyls, and then the butter and grease to be added, being all melted put in the Oesypus, stirring of it with a spatula; then take them from the fire, and being a little cooled, and well mixed, put in the Mucilages (made with Rose-water) and stir them with a Ruddle till they have a just thicknes, make an Oyntment to be prepared at the time of using.

Salmon.) In the former Books it was Oyl of Violets, where it is now of sweet Almonds; and here is another wonderful alteration, or rather addition; they have added ʒj. of the first five Mucilages. It is good to anoint such with (from Head to foot) which are in Hesticks and Consumptions: It is a good Emolient, Diffusive, Digestive, and Anodyne; takes away Inflammations whether in Tumors or Wounds, and being anointed upon the Breast and Stomach, prevails against Asthma's, Phthisicks, shortness of Breath, Coughs, Colds, Pleurifies, Pains and Stitches of the sides, and inward Apostums.

54. Unguentum Splanchnicum, The Spleen Oyntment.

Colledge.) R^e Oyls of Capers ʒj. of white Lillies and Camomil, new made butter fresh, juices of Briony and Sowbread A. ʒſs. boyl them to the consumption of the juices, and add Gum Ammoniacum (dissolved in Vinegar) ʒiſs. Hens grease, Oesypus, Marrow of a Calfs Leg, powders

of the barks of Tamarisk and Caper roots, of Fern root, Ceterach, A. ʒj. seeds of Agnus Castus, Broom, A. ʒj. with wax a sufficient quantity make an Oyntment S.A.

Salmon.) It is a good Anodyne, eases pains, softens hardneses, and opens Obstructions of both Liver and Spleen, and is a very prevalent thing to soften hard Tumors, and help the Rickets in Children. Anoint the parts afflicted therewith, then apply over a Plaster of the same Oyntment made by adding to it a little wax, stone Pitch, and Chio Turpentine.

55. Unguentum Splanchnicum magistrale, The Spleen Oyntment magistral.

Colledge.) Take bark of Caper roots ʒvj. Bryony roots, Florentine Orrice, Ponder of sweet Fennel-seeds, Ammoniacum (dissolved in Vinegar) A. ʒſs. Tops of wormwood, Camomil Flowers, A. ʒj. Oyntments of the opening juices; and Orange Flowers, A. ʒvj. Oyls of Orrice and Capers, A. ʒiſs. the things which ought being powdered and sifted, mix them diligently with the rest in a hot Mortar, and make an Oyntment S.A.

Salmon.) The Vertues are the same with the former, only this is more powerful.

56. Unguentum 2 suocis, Oyntment of the Juyces.

Colledge.) Take of the best Oyl of Roses ℥j. white Wax ʒviij. leaves of Plantane, Nightshade, sharp pointed Dock, Centory the less, A. M.ij. melt the wax with the Oyl by a gentle fire; afterwards add the Herbs, boyling them well; strain and press out with a Screw, casting away the herbs, boyl the expressed

pressed liquor again moderately to the consumption of the watery part, and till it acquires the solid form of an Ointment; into which being almost cold, sprinkle in Camphir in fine powder ℥ss. and continually stir, till it is thoroughly cold.

Salmon.) It is a cooling Ointment, emollient and anodyne, good to ease pains in the Gout, strengthen the Joynts and to cause rest and sleep. It allays Inflammations, and abates the heat of Feavers.

57. *Unguentum de succis aperitivum*, Ointment of opening juyces.

Colledge.) Take jayce of Dwarf Elder ℥viij. juyces of Parsly and stone Parsly, Wormwood and flower-de-luce, A. ℥v. Oyl ℔ss. Oyl of Lillies ℥x. Oyls of Wormwood and Camomil, A. ℥vj. Ducks and Hens Fat, A. ℥ij. boyl them together at a gentle fire, till the juyces be consumed, then strain it, and with white wax ℥viij. and a little white wine Vinegar, make an Ointment S.A.

Salmon.) This Ointment was designed to open Obstructions of the Liver and Spleen and to ease pain and hardness there, as also pain in the Reins: for which cause it is of use against Dropsies, Cachexies, great and hard Bellies, Pains and Stitches of the Sides, Scurvy, Green-sickness, Hypochondriack Melancholy, Rickets, and such Children as do not thrive nor grow, but pine away, &c.

58. *Unguentum Sumach*, Ointment of Sumach.

Colledge.) Take Sumach, unripe Galls, Myrtle-berries, Malastians, Pomgranate Peels, Acorn cups, Cypress-nuts, Acacia vera, or pulp

of sloes, Mastich, A. ℥x. white wax ℥v. Oyl of Roses often washed in Alum water ℔ij. ℥x. make a fine powder of those things which are to be powdered and digest them four days in juyces of Medlars and Services not ripe, A. q.s. then dry them by a gentle fire, and with the Oyl and Wax boyl it into an Ointment.

Salmon.) It is good for the falling out of the Fundament and Womb; stops Fluxes and prevents Abortion, anointed on the Belly and Reins: stays Vomiting anointed on the Stomach: stops Catarrhs anointed on the Sutures, of the Head, Temples and Fore-Head: consolidates, Ruptures, anointed on the broken place; and helps pains and weakness of the Back, being anointed on the Back-bone. In a word, it has all the Virtues of *Unguentum Comitis* aforesaid.

III. Ointments left out in the New Dispensatory.

59. *Unguentum de Althea Compositum*, Ointment of Marsh-Mallows Compound.

Colledge.) Take Marsh-mallow-roots ℔ij. seeds of Flax and Fenugreek, A. ℔ij. pulp of Squills, ℔ss. Oyl ℔ss. Wax ℔ij. Turpentine, Gum of Ivy, Galbanum, A. ℥ij. Colophonia, Rosin, A. ℔ss. let the roots be well washed and bruised, as also the Linseed and Fenugreek seed and squills: then steep them 3 days in water ℔viij. the 4th day boyl them a little upon the fire, and draw out the mucilage, of which take ℔ij. and boyl it with the Oyl to the consumption of the juyce: afterwards add the wax, rosin, and Colophonia, with

when they are melted add the Turpentine; afterwards the Galbanum and Gum of Ivy dissolved in Vinegar; boyl them a little, and having removed them from the fire, stir them till they are cold, that so they may be well incorporated.

Salmon.) It has the Virtues of the more simple Oyntment aforegoing, save this is more powerful to soften, humect, and ease pain. It prevails against all pains of the brest and sides coming of cold, wind, as fitches, pleurifies, &c. ripens and digests tumors: softens the hardness of the Liver, Spleen and Nerves, and foders them together if cut asunder.

60. *Unguentum Diapompholigos.* Oyntment of nothing.

Colledge.) Take of the Oyl of Roses ℥xvj. Juice of Night-shade ℥vj. boyl them to the consumption of the juice, then add white wax ℥v. Ceruse washed ℥ii. Lead burnt and washed, Pompholix prepared, pure Frankincense, ana ℥i. bring them to the form of an Oyntment. S. A.

Salmon.) It cools, dries, heals, and skins wounds, Sores and Ulcers. See the former of this name.

61. *Unguentum Refrigerans Galeni,* Galens Cooling Oyntment.

Colledge.) Take white wax ℥iv. Oyl of Roses omphacine ℔j. melt them in a double Vessel, then pour it out into another, putting in cold water by degrees, and often pouring it out of one Vessel into another, stirring it till it be white: last of all wash it in Rose-water, adding a little Rose-water, and Rose-Vinegar.

Salmon.) It cools and moistens, and is good to anoint the Body all over with, of such as are in Heſticks: It cures Inflammations

in Tumors and Wounds, and other Maladies proceeding from hot and dry Diseases.

62. *Ungentum d succis aperitiuis,* An Oyntment of opening Juyces.

Colledge.) Take juices of Parsly, Endive, Mint, Wormwood, Stone-parſly, Valerian, A. ℥iii. Oyls of Wormwood and Mines, ana ℔ss. yellow wax ℥iii. mix them together over a fire, and make of them an Oyntment; sometimes there is added the ponders of Calamus Aromaticus, Spicknard, A. ℥j. and a little Oyl of Capers.

Salmon.) It has the Virtues of the former of this name: only this is supposed to be the more powerful. See before sect. 57.

63. *Unguentum Martiatum Nicolai Myreſſi,* The Soldiers Oyntment more Compounded.

Colledge.) R^e Bay leaves, Rosemary, ana ℥viii. Rue ℥vii. Tamarisk ℥vj. Dwarf Elder leaves, Marjoram, Savin, Costmary or water Mint, Sage, Basil, Polymountain, Calamint, Mugwort, Elecampane, Betony, Brank-wort, Cleavers, Anemomy or Pellitory of the wall, Burnet, Agrimony, Wormwood, Comslops, Garden Cistus, Elder, Orpine the greater, Honsleek greater and lesser, Yarrow, Gormander, Centory the less, Plantane, Strawberries, Iron wort, or golden Rod, Cink soil, ana ℥ivss. Althea Roots, Cummin seeds, Myrrh, ana ℥iii. Fenugreek ℥iss. seeds of the great Nettles and Violets; Red or Erratick-Poppier, Garden-mint, Sorrel, Horſe-mint, Maiden hair, Carduus, Wood-bind, Valerian the greater, Muskcd Cranes-bill, Wood-Sorrel, Harſs-tongue, Oxeye, South-ernwood, Stags-Marrow, Storax Calamita,

lamita, *A.* ℥ss. Butter ℥x. Bears and Hens grease, Mastich, Frankincense, *A.* ℥j. Nard Oyl ℥ii. Wax ℔ii. let the herbs being green, be cut and infused in Oyl ℔viii. mixed with some Wine, for seven days: On the eighth day let them be boyled almost to the consumption of the Wine: being removed from the fire, let it be strained, and the Oyl put into the Pan again, to (which being a little warmed) add the Butter, Marrow, Fat, Nard, Oyl and Wax; then the Storax dissolved in Wine, and mixt with a little Turpentine; but let the Mastich, Myrrh, and Frankincense, being beaten into powder, be put in last of all, and well mixed together.

Salmon.) It has all the Virtues of the former of this Name, save this is thought to be more powerful to the intentions; being prevalent against all cold Diseases whatsoever, old Aches, Numbness, Palsies, Stiffness of the Sinews, Gout, Sciatica's, and other the like Diseases contracted by hard Usage, Shortness of good and hot Provision, cold weather, lying upon the Ground, &c. which Soldiers, Seamen and such like, are sometimes forced to endure.

64. *Unguentum ad Lumbricos, Fasti*; An Oyntment for the Worms.

Colledge.) Take Oyls of Rue, Mint, Wormwood, Savin, and bitter Almonds, *A.* ℥ss. juyce of the flowers or leaves of Peaches and Wormwood, *A.* ℥j. Powders of Rue, Mint, Gentian, Centory the less, Tormentil, *A.* ℥j. Seeds of Colicworts, Pulp of Colocynthis, *A.* ℥ii. Aloes Heparick ℥iij. Meal of Lupins ℥ss. Myrrh washed in Grass

water ℥ss. Bulls Gall, ℥ss. with juyce of Limons q. s. and Wax ℥ss. make an Oyntment according to Art.

Salmon.) It kills Worms, opens Obstructions and eases pains of the Liver and Spleen, those parts, the Stomach, and Belly being anointed therewith.

IV. Oyntments added by the Author.

65. *Unguentum Ophthalmicum*, An Oyntment for the Eyes.

℞ Tutty prepared ℥ss. Camphir ℥j. white Rosewater ℥j. fresh Butter ℥j. with a little Verdigrise make an Oyntment.

Salmon.) You must be careful you put not too much of the Verdigrise into it, lest you spoil it, and so instead of making a thing to help the Sight, make that which shall put it out: This is generally used for redness and inflammations of the Eyes.

66. *Unguentum ad Pruricem* *Horslij*, An Oyntment for the Itch.

℞ Hogs lard often washed in Scabious water ℔ss. mucilage of the roots of sharp pointed Dock, flowers of Sulphur washed in juyce of Limons A. ℥ss. Unguentum Populeum (ground with juyce of Elecampane) ℥ss. make an Oyntment by mixing them.

Salmon.) You need only anoint the part with it; It cures Scabs also, and other breakings out.

67. *Unguentum seu Linimentum Iridis*, Oyntment of Orice.

Take

Take juyces of Orrice, of Sow-bread, of Marjoram, of Beets, A. Zij. Oyl of flower-de-luce Zvi. Elæterium gr. vij. with wax make a Liniment.

Salmon.) It is used as an Erhine to put up the Nostrils to purge the Brain of all cold, thick and flegmatick humors, and to cure an old inveterate head-ach.

68. *Libethum Artificiale, Artificial Civer.*

Take Oyl of Nutmegs, clarified Honey, A. Zls. Civet Zj. Powder of Pyrethrum, black Pepper, Cubebs, Musk, A. Zls. mix and make an Oyntment.

Salmon.) It strengthens the Head, Brain, Heart, and Spirits vnder fully, being taken inwardly, and anointed outwardly.

69. *Unguentum Cordiale, A Cordial Oyntment.*

Re Oyntment of Roses Zijj. Apollitick Balsam (in lib. 4. cap. 4. & i.) Oyl of Nutmegs by expression, A. Zij. distilled Oyls of Citron Peels Zls. Oyl of Cinnamon, Adeps Cosarum, A. gut. vj. mix and make an Oyntment if you please add Oyl of Camphir, Zj.

Salmon.) It strengthens the body in an universal Weakness, and comforts the Balsam of life; anoint the Sutures of the Head, Temples, Pulses, and Region of the Heart.

70. *Unguentum ad Spasium Nervorum, An Oyntment against Cramps and Convulsions.*

Re Oyls of Costiw and Pepper, A. ij. Oyls of Euphorbium and Bricks, i. Zls. Turpentine Zijj. White Wax enough to make it into the form of an Oyntment.

Salmon.) You are only to rub it well in upon the part affected.

71. *Unguentum ad Pruritus Schroderi, Schroders Oyatment for the Itch.*

Re Litharge, Ceruse, A. Zls. Vinegar of Roses as much; Oyl of Roses Ziv. Sulphur Vive Zvj. Sale Zijj. Turpentine Zls. Butter Zijj. mix them.

Salmon.) It kills the Itch in about 2 Weeks time, anointing morning and evening.

72. *Unguentum Jovis, ex August. Oyntment of Housleek.*

Re leaves of Henbane, Vervain, Pellitory, Elder, Cranes Bill, A. M. iv. Violets, White Poppies, Hemlock, A. M. vj. Housleek M. iij. fresh Liquorice lb. iij. all of them being fresh, cut and bruise them, and beat them with a sufficient quantity of fresh Butter to a paste; digest them fifteen days, then boyl and strain.

Salmon.) If you add Crystals of Niter Zj. dissolved in clarified juyce of Night-shade, and then boyl the Oyntment to the consumption of the Juyce, 'twill be so much the better. It cools and refreshes wonderfully, eases pains of all sorts: takes away inflammations, and sharpness of humors, and is a present remedy against the Gout.

73. *Unguentum Cordiale Schroderi, Schroders Cordial Oyatment.*

Take Motherwort, Germaner, Mallows, Groundsell, Knapweed, Bittersweet, Scabious, Housleek, Chickweed, A. M. iij. cut, bruise, and boyl them in fresh Butter lb. viij.

zill the watry part is consumed, then strain, and keep it for use.

Salmon.) It comforts the heart by cooling, being anointed in hot Diseases about the Hypochondria, so also used, it is said to cure the Rickets.

74. *Unguentum Paralyticum Mynsichti*, An Oynment for the Pally.

℞ Oyls of Amber rectified and of Bricks, *A*. ℥ss. Oyls of Juniper, of Myrrh, of Turpentine, *A*. ℥j. Oyls of Bays and Spike, *Petrolæum*, *A*. ℥ss. Oyls of Castor and Pepper, *A*. ℥ii. *Spiritus Paralyticus* ℥iv. mix and boyl to the consumption of the Spirit; after add plums of Alum prepared ℥j. distilled oyl of Rosemary, Nutmegs, Cloves, *Origanum*, Wormwood, Lavender, Angelica, Sage, *A*. ℥j. mix and with yellow wax q.s. make an Oynment.

Salmon.) It cures numbness, Tremblings, Convulsions, Palsies, and Cramps; cures most Diseases, and eases all manner of Pains coming of cold, whether in the Head, Stomach, Womb, Reins, Back, Nerves or Joynts. It is excellent in a cold Gout and Sciatica.

75. *Unguentum de Cornu Cervi*, Oynment of Harts-horn.

℞ Harts-horn rasped, put it in a Kettle full of wine, boyl it to the consumption of the wine, and casting away the grosser part of the horn, pulp the other, and add oyls of Southern wood, of Hypericon, of Dill, of Scorpions, of Earth-worms, of Nuts, of Bays, of Rue, of Spike, of Savin, *A*. ℥ss. Mans grease ℥ii. Castor ℥ii. Niter ℥ss. *Euphorbium* ℥j. mix and make an Oynment.

Salmon.) It expels wind, eases the Cholick in Clysters; is a

great Anodyne and eases pains of the Gout and Scurvy.

76. *Unguentum Terebinthine* Oynment of Turpentine.

℞ Turpentine ℔ii. Yolks of Egg N^ovj. Mastich, Myrrh, *Olibanum* *A*. ℥j. make an Oynment.

Salmon.) It is an exceeding good Anodyne and Vulnerary, healing all sorts of Wounds.

77. *Unguentum seu Linimentum ad Podagram*, An Oynment for the Gout.

℞ the expressed Oyls of Dwarf-Elder seeds and Herbane seeds, *A*. ℥ss. Mummy, Camphir *A*. ℥j. mix and make an Oynment or Liniment.

Salmon.) It is a most excellent thing to the intention; much more if Opium ℥ij. (dissolved in *S. V.* and inspissated) be added to it. It eases pain also in any other part of the Body, being anointed upon the place affected.

78. *Unguentum Somnificum Schroderi*, An Oynment causing Rest.

℞ Opium ℥ii. Saffron ℥ss. Oynment of Roses, of Alabaster, *A*. ℥ii. Oyl of Nutmegs ℥v. ℥j. Vinegar of Elder q.s. make an Oynment.

Salmon.) Anoint the Suture of the Head, Temples, Forehead Nostrils, and Pulses therewith, and it will cause sweet sleep.

79. *Unguentum de Calce vivæ Mynsichti*, Oynment of Quicklime.

℞ Quicklime ℥vj. *Antipigmen* ℥ss. roots of Florentine Orrice ℥j. yellow Sulphur, Niter *A*. ℥ss. a strong Lixivium of Bean-stalks ℔ii. mix and boyl all in a new pot glazed, to a just thickness, which you may know by anointing a feathered Quill therewith, if the feathers easily fall off

off; then add Oyl of Spike, ℥ss. and make an Oyntment or Liniment.

Salmon.) This being anointed upon any place where there is Hair, makes it fall off wonderfully and speedily; after the use of it anoint with Oyl of Roses.

80. *Unguentum viride*, Green Oyntment.

Take Sage, Hyssop, Hore-hound, Mint, Betony, Harts-tongue, Scabious, Succory, Fennel, Bawm, Pauls Betony, Woodbine, Columbines, Parsly, Tarrow, Centory the less, Agrimony, round Birthwort, Plantane Roots and all, A. M. ii. May Butter, ℔viiss. infuse all these Herbs (gathered in their due seasons) in Butter, and let them stand till they are all put in according to their season of flourishing; then strain, and boyl them to the consumption of the Aquosity.

Salmon.) It is given inwardly against bruises, to dissolve congealed blood, ease pain, help the roughness of the Wind-pipe, and expectorate flegm: outwardly also it is discutient, emollient, and anodyne.

81. *Unguentum Arthriticum Schroderi*, Schrodgers Gout Oyntment.

Take Canker Roses, M. x. Henbane Leaves and outward Rinds, M. vj. cut and boyl them in three quartts of wine, strain, and inspissate at a gentle fire to the consistence of Honey: Put to it Hogs-grease, ℥ii. mix them at the fire, when it is cool add Opium (dissolved in wine) ℥j. Saffron in powder, ℥ss. extract of Moulin flowers, ℥ss. mix and make an Oyntment.

Salmon.) It gives immediate ease in the Gout, and all other pains wonderfully.

82. *Unguentum sevi Clessai* Oyntment of Suet.

Take Beef and Mutton Suet, A. ℥ix. yellow Wax, stone Pitch, Tar, Oyl Olive and Linseed Oyl, A. ℥vj. red Lead, ℥iv. Frankincense, ℥ii. make an Oyntment.

Salmon.) It heals Ribes, Chilblanes, Chaps in the Hands, Lips, and Womens Erecasts; as also an Erysipelas, if first fomented with S. V. It is emollient and anodyne.

83. *Unguentum seu Linimentum ad faciei Tubercula Penotti*, An Ointment of Penottus for Pimples and redness in the face.

℞ Rain water ℔v. white Poppy seeds, ℔ss. make an emulsion in a glass Pot, then in a great glass, beat and shake well for an hour the white of an Egg mixt with ♀ sublimite (often washed) ℥j. add of the emulsion ℥ss. stir them for an hour; after add ℥iss. stir them for 2 hours; add again ℥iii. stir them for three hours; and so consequently for 24 hours, till all the emulsion is put in; then add Sugar and Borax, A. ℥j. stir them for 2 hours and make an Oyntment S. A.

Salmon.) It clears the face of all manner of Pimples, Pustles, redness and breakings out.

84. *Unguentum Splenetikum Schroderi*, Schrodgers Spleen Oyntment.

Take Oyl of bitter Almonds ℥j. Oyl of Capers, ℥ij. of Peach Kernels by expression ℥ss. juices of Bryony, Sow-bread, Hemlock, A. ℥ii. Ammoniacum dissolved in Vinegar, Bdellium, A. ℥iss. powder of the Barks of Capet. roots and Tamarisk, A. ℥ss. Ash Bark ℥vj. Ceterach, Tops of Centory the less, A. ℥ss.

Cumin seeds ℥ii. with wax make an Ointment.

Salmon.) It is intended to open Obstructions, and soften the hardness of the Liver and Spleen; It heats, discusses, mollifies and eases pain. If you add Chymical Oyl of Sassafras or Wormwood ℥j. it will penetrate the more.

85. *Unguentum Nervinum Clofsei*, The Nerve Ointment of Cloffæus.

Take Wormwood, Marjoram, water Mint, Hysop, Bawm, Calamint, Organy, Bassi, Hypericon, Rue, Marigolds, Savin, Tansy, Mugwort, Southernwood, flowers of Camomil, Melilot, Hypericon, Betony, Agrimony, Centory the less, A.M.j. cut them small, and boyl them in May Butter ℔vii. S.V. ℔vj. after the Wine is consumed, and the Herbs boyed, strain; and adding clarified juyce of Tobacco ℔ii. Turpentine washed ℔bj. Wax ℥vj. make an Ointment by boyling.

Salmon.) The Virtues are the same with *Unguentum Nervinum* aforegoing.

V. An Appendix concerning sweet Soaps.

86. *Sapo Moschatus*, Muskèd Soap.

Take Venice Soap ℥ii. Storax Calamita ℥ii. Orrice Roots, white Sanders, ana ℥i. Nutmeg, Cinnamon, A. ℥ss. Benjamin ℔ii. Cloves ℔j. Musk gr. iv. beat them together with Rose-water, and make Balls therewith.

Salmon.) If you wash with it, 'twill cleane well, and comfort

the Nerves, besides which it smells excellently.

87. *Sapo confortant*, A comfortable or strengthening Soap.

Take Venice Soap ℔ii. Cloves, Mace, A. ℥j. Benjamin, Orrice, A. ℥ii. Musk and Ambergrise, ana gr. xxiv. with Rose-water and Oyl of Cinnamon beat it up.

Salmon.) The Virtues are the same with the former, but this comforts more.

88. *Sapo ad Pruritus*, Soap against the Itch.

Take Sal regale ℥ss. burnt Alum, Benjamin, Liquid Storax, ana ℥j. Flos Sulphuris, ℥ii. Storax, Calamita, Litharge, A. ℥ss. Dock root ℔j. Mercury precipitate gr. v. Oyl of Cloves gut. iiii. Venice Soap q. s. make Wash-Balls.

Salmon.) Make a strong Lave in a little Water, and often wash with it.

89. *Sapo Cosmeticus Prevotijj*, The beautifying Soap of Prevotius.

Take Venice Soap ℥iv. dissolve it in a sufficient quantity of juyce of Limons, and add Oyl of sweet Almonds, Oyl of Tartar per deliquium, ana ℥ii. mix and insolate so long till it is of the thickness of an Ointment, stirring it well every day.

Salmon.) It cleanses and beautifies the Skin to a wonder.

90. *Sapo moschatus detergens*, A cleansing sweet Soap.

Take Venice Soap ℔ii. ponde of Orrice roots ℥vj. Camphir ℥i. Liquid Storax, Benjamin, A. ℥ii. Musk ℔ii. dissolve the Soap in Rose-water q. s. and make Balls.

Salmon.) The use is the same with those at Sect. 86, and 87 afore

foregoing. You may see more variety in our Polygraphice Lib. 4. which with their Compositions, Virtues and Uses, you may see in Our Doron Medicum, Lib. 3. Cap. 4.

There are other Oyntments

CHAP. V.

Of CERECLOTHS.

1. *Ceratū de Galbano, Cerecloth of Galbanum.* Ex August.

Colledge.) Take of Galbanum prepared \mathfrak{z} ls. Turpentine \mathfrak{z} j. *Assa fœtida* \mathfrak{z} ls. *Bdellium* \mathfrak{z} j. Myrrh \mathfrak{z} ij. Wax \mathfrak{z} ij. *Daucus* seed \mathfrak{z} j. Featherfew, Mugwort, ana \mathfrak{z} ls. dissolve the Gums in Vinegar (except the *Assa*, which dissolve with the Turpentine) and make a Cerecloth S. A.

Salmon.) They have added here the Turpentine and *Daucus* seed: Applied to the Belly it kills Worms, helps Cold and Wind, and provokes the Terms, helps Fits of the Mother, and cleanses a Woman after Labour; laid to the Regions of the Liver and Spleen, it opens their Obstructions and eases Pains there; laid to the Back-bone and Wrists, it lessens the fits of Agues.

2. *Ceratū Oesyparū Mesæ,* Cerecloth-Oesypus.

Colledge.) Take *Oesypus* \mathfrak{z} x. Oyl of Camomil and Orrice, ana \mathfrak{z} ls. yellow Wax \mathfrak{z} iii. Resin \mathfrak{z} ls. Mastich, Ammoniacum, Turpentine, ana \mathfrak{z} j. Spicknard \mathfrak{z} ls. Saffron \mathfrak{z} ls. Storax Calamita \mathfrak{z} ls. the Mastick Spick, Saffron and Storax pulverize apart and commix them; the Ammoniacum dissolve in Vinegar, strain, and boyl to the thickness of Honey; the Wax and the Resin melt in the Oyl; then being removed a little from the fire, mix the *Oesypus*, afterwards the Ammoniacum and Turpentine together; lastly, add the powders, that the Cerecloth may be of a fit consistency.

Salmon.) It is impossible to make this into a Cerecloth with these Ingredients, unless you make it very soft. In their old Book there was Wax two pound, Resin one pound, which although it was too great a proportion, making the

Compositum too hard; yet I am sure this is too little: 'tis much that a whole Colledge could find no Medium between such great extremities; you may take of the Wax ℥viij. of the Rosin ℥iv. It is emollient, discutient and anodyne, it dissipates hard tumors of the Liver, Spleen, Womb, Nerves, Joints, and other parts of the Body; it ripens crude Apoptumes, and softens even stony tumors, &c.

3. *Ceratum Santalinum, Mesue, Cerecloth of Sanders.*

Colledge.) Take red Sanders, ℥x. white and yellow Sanders, A. ℥vi. red Roses ℥xij. fine Bole ℥vij. Spidum of Ivory ℥iv. Camphir ℥ij. yellow Wax lbj. Oyl of Roses Omphacine ℥vj. beat the Sanders together; the Roses, Bole, Ivory, and Camphir apart: then melt the wax and Oyl together by a gentle fire, and being a little cooled, put in the powders, and lastly the Camphir dissolve in Oyl; mix them well together, and make a Cerecloth according to Art.

Salmon.) Here again they have put in a whole pound of Wax, where it was before but little more than ℥iijss. what the meaning of it is, others may judge. The Cerot allays inflammations of the Stomach, Liver, and Spleen, asswages all hot tumors proceeding of Blood and Choler: It is also good being applied against pain and weakness of the Back and Reins, and nocturnal pollutions: being applied over the whole Belly, it stops the Whites in Women, a Looseness and Dysentery.

Cerecloths added by the Author.

4. *Ceratum de Ammoniaco Foresti, Cerecloth of Ammoniacum.*

Take Ammoniacum dissolved in Vinegar ℥j. Ointment of Althæa, Plaster of Mellilot, A. ℥ss. Wheat-bran, powder of Bryony roots, Or-rice, A. ℥ss. Ducks, Goose, and Hens Grease, A. ℥iij. Bdellium, Galbanum, A. ℥ss. Oyl of Orrice, ℥ij. boil them gently in the Mucilages of Line and Fenugreek seed, A. q. s. to a Cerot; adding Wax ℥ss. Turpentine and Resin of the Pine-tree, A. ℥ss.

Salmon.) Forestus kept this as a Secret to dissolve Schirrous Tumors, and other hard swellings. 'Tis prevalent against pains, tumors and Obstructions of the Spleen.

5. *Ceratum de Laudano Cratonii, Crato's Cerot of Laudanum.*

Take pure Laudanum ℥j. Wax ℥ij. Oyl of Nutmegs by expression ℥ss. Crato's Stomach Oyl (in Chap. 2. Sect. 67.) enough to make a Cerecloth.

Salmon.) It discusses Wind, cherishes the natural heat, eases all manner of pains, and applied to the Stomach, causeth Concoction. Crato saith, nothing is more powerful against Melancholy.

6. *Ceratum ex Betonica Horstij, Cerecloth of Betony.*

Take Turpentine, Resin of the Pine-tree, yellow Wax, A. ℥ij. Betony in powder ℥ss. Mastich, Frankincense, A. ℥j. Mummy ℥jss. mix and make a Cerot.

Salmon.)

Salmon.) It eases pain, is good against the Palsy; and restores withered and weak Limbs.

7. *Ceratum Capitale*, *Horslii*, A Cerecloth for the Head.

Take Gum-Juniper, Frankincense, Mastick, Xyloaloes, red Sanders, red Roses, A. ʒj. and with Wax, Rosin, and Labdanum, A.q.s. make a Cerot.

Salmon.) It eases pains of the head, and stops defluctions falling into the eyes and other parts.

8. *Ceratum Galeni*, Galen's Cerecloth.

Take Gum-Wax, Turpentine, old Oyl; Niter, A. lb̄s. fair water ʒviii. levigate and dissolve the Niter in the Water in a Mortar and strain it; then put it to the fire, and putting in the other things, make a Cerot, by continual stirring of it till it is of a just thicknes.

Salmon.) It wonderfully dries up humors in all parts of the Body, chiefly the Groyn and Testicles; it is described by Galen s. 2^a lib. 4^o.

9. *Ceratum Diapipereos Galeni*, Galens Cerot of Pepper.

Take Litharge of Silver, Ceruse, A. lb̄j. Oyl Olive, lb̄ii. Wax, ʒvj. Turpentine, ʒiii. Frankincense, ʒiss. Alum, ʒvj. Pepper, ʒiii. make a Cerot S. A.

Salmon.) It is a great Anodyne, and good against Numbness and Palsies.

10. *Ceratum pro Herniosis Norimbergensis*, A Cerecloth for Ruptures.

Take Powder of Mastick Mummy, Frankincense, Amber, Gum Arabick, and Tragacanth, Aloes, Balauſtians, Roses, A. ʒss. Sanguis Draconis, fine Bole, Blood-stone, A.

ʒvj. Oyl of Roses, ʒiii. Oyls of Myrtle and Mastick, A. ʒii. with Wax, and Rosen q. s. make a Cerot.

Salmon.) The Intention is to cure Ruptures for which 'tis excellent, as the dexterous *Volkerus Frisius* has often proved, it also strengthens weak Limbs.

11. *Litharge ex pelle Arietina*, *Arnoldi de Villanova*, Cerecloth of a Rams-skin.

Be Litharge, Blood-stone, Dragons Blood, fine Bole, Opium, Mastick, Mummy, Gum Ammoniac, Galbanum, Frankincense, Costus, Earthworms in powder, A. ʒss. Ship-pitch, Colophony, Wax white and yellow, A. ʒj. Comfy roots, Dasy roots, A. ʒiii. red Roses, Myrrh, Aloes, A. ʒj. juce of Hypocistis, unripe Galls, Balauſtians, round Birthwort, A. ʒvj. Bird-lime, Turpentine, A. ʒii. Mans-blood, ʒix. a Rams skin, boyl the skin in water, till it is all dissolved, then strain, of which take lb̄j. into which put the Bird-lime, Turpentine, and Wax, then the Gums dissolved in Vinegar, lastly the Pouders, and make a Cerecloth according to Art.

Salmon.) It is intended to cure Ruptures of the Bowels, broken Bones, and luxated Members.

12. *Ceratum Stomachinum Galeni*, Galens Stomach Cerecloth.

Be red Roses, Mastick, A. ʒxx. dried Wormwood, ʒxv. Spicknard ʒx. Wax, ʒiv. Rose-water a sufficient quantity. Oyl of Roses lb̄ss. let it boyl so till it be like an Ointment: then add Oyl of Roses, ʒviii. Wax ʒxiv. the pouders aforementioned (excepting the Mastick, which must be melted in the Oyl of Roses) of all of them, used in this manner, make a Cerecloth S. A.

Salmon.) It is hot and dry, warms and comforts a cold and moist Brain, bad Memory and an ill Stomach, strengthens the Back, and eases pains of the Liver and Spleen, being applied.

Ap. Appendix concerning DROPACES.

13. *Dropax simplex*, A simple Dropace.

Rx Pitch ℥j. *Oyl* ℥ij. melt them together.

Salmon.) It is Anodyne, Attractive, draws and heals Wounds. A Dropace belongs to Cerecloth; it is made of Pitch mixt with Oyl and other things; first melt the Pitch, then add the Oyl, afterwards with other things you intend, the chief materials of which are Pepper, Pellitory of Spain, Rosemary, Euphorbium, Salt-Peter, Sal Gem, Aron-roots, roots of Master-wort, round Birth-wort; Castor, Bitumen, Sulphur, Common-Salt, Vine-ashes, Salt of Tartar, &c.

14. *Dropax Stomachicus*, A Dropace for the Stomach.

Take Pitch ℥ij. *Oyl of Quinces or Mastich* ℥ss. melt and make a Dropace for the Stomach.

Salmon.) It strengthens and fortifies the Stomach, stays Vomiting, eases pains thereof, and causes digestion.

15. *Dropax confortans*, A strengthening Dropace.

Take Pitch, Wax, Resin, A ℥iiij. *Sal Gem* ℥ss. *Bitumen* ℥j. *Sulphur vive* ℥ss. *Castor, Storax liquida, A* ℥j. *Pepper, Euphorbium, Pecula of Aron, A* ℥ij. *Cantharides, Bees, A* ℥ss. mix and make a Dropace.

Salmon.) It draws, attracts, makes the skin red, helps the stagnation of the Blood, cures Lameness, Numbness, Witheredness of the Limbs, and Atrophies of parts: shave the hair, then apply the Dropace hot, letting it lye a while, pull it off before it is cold, then heat it again and apply it, so continuing till the part looks very red: I have known it successfully used to stop Catarrhs.

CHAP. VI. OF EEMPLASTERS.

1. *Emplastrum album coctum*, five de Cerussa, Emplaster of Ceruse.

Colledge.) *Rx Oyl of Roses Omphacine* lb.ij. *Ceruse* lb.℥ss. white

wax ℥iv. levigate the Ceruse upon a Porphyrite, put it into a brass or copper skille or kettle, add the Oyl by degrees, boyle them with a gentle fire, continually stirring of it till it begins

begins to swell: then whilst it is yet hot put in the Wax, cut small, by little and little that it may melt, make an Emplaster according to Art.

Salmon.) It is an excellent drying and healing Emplaster, good to waste away the milk in womens Breasts, dry up moist sores and ulcers, heals scabs, burnings, scaldings, ease pains, &c..

2. *Emplastrum ex Ammoniaco*, Emplaster of Ammoniacum.

Colledge.) Take Ammoniacum, Wheat-bran well sifted, A. $\mathfrak{z}\mathfrak{i}$. Oynment of Althea, Emplaster of Melilot compound, powder of Bryony roots and Orrice, A. $\mathfrak{z}\mathfrak{ss}$. Ducks, Geese and Hens fat, A. $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Bdellium, Galbanum, A. $\mathfrak{z}\mathfrak{ss}$. Pine-Rosin, yellow Wax, A. $\mathfrak{z}\mathfrak{v}$. Oyl of Orrice, Turpentine, A. $\mathfrak{z}\mathfrak{ss}$. Boyl the Fat and Oyl with the mucilage of Lin. and Fennegreek seed, A. $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. to the consumption of the mucilage, strain it, and add the Rosin, Wax, Turpentine, Oynment of Althea and Melilot Emplaster: when it begins to grow cold, put in the Ammoniacum dissolved in Vinegar, then the Bdellium in powder, and make an Emplaster according to Art.

Salmon.) 'Tis said to be of softening a faculty that it is able to dissolve hard stony knobs which grow upon the joynts of the Fingers, Toes, and other parts: laid to the Brest, Liver or Spleen, it eases their pains, opens their obstructions, and takes away the hardness thereof: See the Cert of Ammoniacum in Cap. 3. Sect. 4. aforegoing: it was a secret of Foresters.

3. *Emplastrum d buccis Lauri*, Emplaster of Bay-berries,

Colledge.) Take of Bay berries husked $\mathfrak{z}\mathfrak{i}\mathfrak{j}$. Frankincense, Mastich, Myrrh, A. $\mathfrak{z}\mathfrak{ss}$. Cyperus, Costus, yellow wax, Turpentine, Oyl of Bays A. $\mathfrak{z}\mathfrak{i}$. Honey not clarified, but only gently warmed $\mathfrak{z}\mathfrak{i}\mathfrak{v}$. let the Cyperus, Costus and Barberies be made together into a fine powder, and mixed with the warmed Honey; then add the Frankincense, Mastich and Myrrh beaten by themselves: lastly, put to them the Oyl of Bays, Turpentine and wax melted together, and make an Emplaster S.A.

Salmon.) It is anodyne, eases pain in any parts coming of cold or wind, it expels wind, helps the Cholick, strengthens the Stomach, causes digestion, and eases any pain or grief in the Head, Stomach, Liver, Spleen, Womb, Bowels or Reins.

4. *Emplastrum Barbarum Magnum*, The great barbarous Emplaster.

Colledge.) R dry Pitch $\mathfrak{lb}\mathfrak{v}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. yellow wax $\mathfrak{lb}\mathfrak{v}\mathfrak{j}$. $\mathfrak{z}\mathfrak{v}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Pine Rosin $\mathfrak{lb}\mathfrak{v}$. $\mathfrak{z}\mathfrak{i}\mathfrak{v}$. Bitumen Judaicum, or Mummy $\mathfrak{lb}\mathfrak{iv}$. Oyl $\mathfrak{lb}\mathfrak{ss}$. Verdigrise, Litharge, Ceruse, A. $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$. Frankincense $\mathfrak{lb}\mathfrak{ss}$. Roach Alum not burnt $\mathfrak{z}\mathfrak{i}\mathfrak{v}$. Opopanax, Scales of Braß, Galbanum, A. $\mathfrak{z}\mathfrak{x}\mathfrak{i}\mathfrak{j}$. Aloes, Opium, Myrrh, A. $\mathfrak{z}\mathfrak{ss}$. Turpentine $\mathfrak{lb}\mathfrak{ij}$. juyce of Mandrakes, or else dryd bark of the roots $\mathfrak{z}\mathfrak{v}\mathfrak{i}$. Vinegar $\mathfrak{lb}\mathfrak{v}$. boyl the Litharge, Ceruse and Oyl to the thickness of Honey; mix with them the pitch melted and incorporated with the Bitumen in powder. Then add the other things, and boyl them according to Art, till the Vinegar is consum'd, adding towards the end Turpentine.

Salmon.) It was invented against the bitings of barbarous

creatures whether men or beasts; but whether it has its name from thence, or the Foolishness of its Composition, I know not: There being of the Myrrh, Aloes and Opium but ℥ss to about 28 ℔ of the Composition, which is but ℥j. to ℔vii. and ℥j thereof is but ⁶⁷³part of the whole mass, or in other numbers, 5 grains to 3365. and of the Opopanax, scales of Brass, and Galbanum, but 5 grains to 722 of the rest; with what Artifice it was composed I leave the wise to judge. At first I thought strange of the name, but upon consideration I found it was proper enough for such Barbarous and foolish poportions.

5. *Emplastrum de Betonica*, Emplaster of Betony.

Colledge.) R green Betony, Burnet, Agrimony, Sage, Penny-royal, Yarrow, Centory the less, Comfrey, Clary, A. ℥vj. Frankincense, Mastich, Orrice, round Birthwort, A. ℥vj. white Wax, Turpentine, A. ℥viii. Pine Rosin ℥vj. Gum Elemi, Oyl of Fir, A. ℥j. white Wine lb. iij. digest the Herbs bruised well in a Mortar a whole week in white-wine stirring and boiling them: strain and press out the wine, and with a gentle fire boyl to the consumption of the third part, then add the Oyl of Fir, after, the wax melted, then the Rosins and Gums, after them the Turpentine. These being a little boyled, removed from the fire, and leasurely cooled, put in the powders of the Orrice and Birthwort roots, stirring them assiduouly, that the Pl. ster may be made S.A.

Salmon.) It is a good Cephalick Emplaster for curing Wounds in the Head, consolidating and uni-

ting broken Bones in what part of the Body soever: It digests, attracts, draws out Splinters of Bones out of the Fleth, cleanses the filth out of deep Ulcers, breeds flesh, heals, drys and restores: It eases pains also in any part, chiefly in the Head, and has a special property against the Gour, and Dis-eases of the Joynts.

6. *Emplastrum Cesarū*, Cæsars Emplaster.

Colledge.) R red Roses ℥ss. Bistort roots, Cypress Nuts, all the Sanders, Mint, Coriander Seeds, A. ℥iij. Mastich ℥ss. Hypocistis, Acacia, Dragons Blood, Sealed Earth, fine Rols, red Coral, A. ℥ij. Turpentine washed in Plantane water ℥iv. Oyl of Roses ℥iij. white wax lbj. Pine Rosin ℥x. Pitch ℥vj. juices of Plantane, Housleek, Orpine, A. ℥j. To the Wax, Rosin and Pitch, being melted together, put the Turpentine and Oyl: then the Hypocistis and Acacia dissolved in the said juices and lastly the powders, that an Emplaster may be made S.A.

Salmon.) It strengthens, cools drys and binds; applied to the Crown of the head being shaved it is good against a Consumption, and stops Catarrhs: applyed to the back, it strengthens it much and removes pains thence; applyed to the Belly, it is said to stop a looseness. It is also very good to strengthen weak and luxated joynts, and confirm feeble Limbs.

7. *Emplastrum Catagmaticum*, A Emplaster for broken bones.

Colledge.) Take Oyl of Rose ℥iv. Licharge of Gold ℥iij. boyl them to the consistence of an Emplaster, being removed from the

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Ground
make a mu
red wine an
boyl to ℔j
of Quince
er ℥ij. Pa
Beard of
fine flower
Dragon-B
(dissolved
wort) ℥ss
ble fire, (e
to the ro
Then add
ster, a ℥j
Myrrh, A
℥vj. boyl
must stir
ster S.A.
Salmon
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fire, cast in yellow Wax lbj. Turpentine ℥iij. Oyl of Mastich ℥ij. Ship-Pitch ℥jls. Colophony ℥vj, being mixed and melted together, keep them by themselves. Take roots of Comfrey, of Althaea, wood of Mistletoe of the Oak; Plantane-leaves, Groundpine, Hypericon, A. M. j. make a mucilage in equal parts of red Wine and Smiths-water, which boyle to ℥jls. to which add mucilage of Quince Seeds made in Tripe-water ℥iij. Pouders of Balaustians, red Roses, Myrtles, A. ℥jls. Mummy, Seeds of Hypericon A. ℥vj. fine Eole, fine flowers, A. ℥jls. powder of Dragons-Blood ℥ij. juyce of Acacia (dissolved in decoction of Birthwort) ℥jls. boyl them with a gentle fire, (continually stirring them) to the thickness of a Cataplasim. Then add the above mixt Emplaster, as also pouders of Mastich, Myrrh, A. ℥jls. Amber prepared ℥vj. boyl it a little, and by continual stirring it make an Emplaster S.A.

Salmon.) This is their Catagmaticum the second, but so much altered in the form of making, that it does not seem at first sight to be the same thing. They have also left out Turfan ℥vi. & put in less Oyl of Mastich than in the former by ℥ij. less of Litharge by ℥j. less of Pitch ℥viijls. but have put in more of the powder of Mastich by ℥vj. and of the Wax by ℥viij. This was intended to heal broken bones by cherishing the natural heat, and causing a speedy Calous to grow. It is drying and binding, and stops the Flux of humors to such parts; also in Ruptures of the Bowels it exceeds ad Herniam

and in all other cases where binding, strengthening and conglutinating is required, you will find it a singular good thing.

8. Emplastrum Cephalicum, An Emplaster for the Head.

Colledge.) R fine Rosin ℥ij. black Pitch ℥j. Labdanum, Turpentine, Bean and Orobis-meal, Pigeons dung, A. ℥jls. Myrrh, Mastich, A. ℥jls. Gum of Juniper, Nutmeg, A. ℥ij. dissolve the Myrrh with the Labdanum in a warm Mortar, and adding the rest, make an Emplaster according to Art. If you will have it stronger, put in pouders of Euphorbium, Pyrethrum, black Pepper, A. ℥ij.

Salmon.) It is invented to strengthen the Head and Brain, ease pains thereof, dry up moisture, stop Catarrhs and Rhumes which fall into the Nose, Eyes and Teeth, and comfort the internal senses. It is applied to the Crown (being shaved) and Temples.

9. Emplastrum & Cicuta cum Ammoniaco, Emplaster of Hemlock with Ammoniacum.

Colledge.) R juyce of Hemlock ℥iv. Vinegar of Squills, Gum Ammoniacum, A. ℥viij. dissolve the Gums in the Juyce and Vinegar by due infusion, then strain, and reduce it to the consistence of an Emplaster.

Salmon.) It was invented to ease pains chiefly of the Spleen, and of the Gout; my experience has confirmed it, and such as shall use it upon my word, may one day have cause to return me thanks for this commendation.

10. Emplastrum & Cinnabari, Emplaster of Cinnabar.

Col-

Colledge.) Take Cinnabar \mathfrak{z} iss. Euphorbium, Auripigment, A. \mathfrak{z} ijss. powder them very fine and mix them with Galbanum strained, Burgundy Pitch, A. \mathfrak{z} ijss. Emplaster of Mucilage \mathfrak{z} ijj. Unguentum Egyptiacum \mathfrak{z} ss. make an Emplaster S.A.

Salmon.) It is a dangerous Emplaster, burns violently: used chiefly in Venereal Ulcers and Pustels: I shall advise no Body to it, there are better Medicines.

11. Emplastrum ϵ Creta, Emplaster of Chalk.

Colledge.) R Ceruse \mathfrak{z} iv. Chalk \mathfrak{z} js. Hogs Grease \mathfrak{z} i. mix and make an Emplaster S.A.

Salmon.) It is a great dryer and cooler, and may be used in Scabs, Burns, Scalds, and to skin Sores.

12. Emplastrum ϵ crusta Panis, An Emplaster of a Crust of Bread.

Colledge.) Take Mastick, Mint, Myrrh, Nutmegs, A. \mathfrak{z} ss. Cloves \mathfrak{z} ijj. red Roses in powder \mathfrak{z} i. a crust of bread roasted and boyled in Rose Vinegar to the thickness of a Pulvis, \mathfrak{z} ij. clear Turpentine, \mathfrak{z} ij. Storax Calamita (dissolved in Turpentine) \mathfrak{z} ss. Oyl of Mastick, Labdanum, new yellow Wax, A. \mathfrak{z} ss. make an Emplaster S.A.

Salmon.) Here is Spodium, red Coral, Sanders white yellow and red, A. \mathfrak{z} i. Oyl of Quinces \mathfrak{z} iss. Labdanum \mathfrak{z} iv. Barly meal \mathfrak{z} v. all left out: for which they have put in the Myrrh, Nutmegs, Cloves, red Roses, Turpentine and Wax, by which means they have totally altered the nature of the Medicine, which was before cooling, drying and binding; but now it is hot and

strengthening, and is excellent good against pains, and all cold Diseases of the Head, Stomach, Womb, Nerves and Joynts: it causes Concoction, and stops Vomiting.

13. Emplastrum ϵ Cymino, Emplaster of Cummin Seed.

Colledge.) Take Cummin seed, Bay-berries, yellow Wax, A. lb. j. Pine Rosin lb. ii. Common Resin lb. iiij. Oyl of Dill lb. ss. mix and make an Emplaster.

Salmon.) It eases pain, warms, comforts and strengthens, and applied to the Belly discusses Wind, and helps the Cholick. It is also prevalent against old Aches, Bruises, &c.

14. Emplastrum Diacalciteos; Emplaster of Calcites or burnt Vitriol.

Colledge.) R old Hogs grease not salted lb. ij. old Oyl Olive, Litharge of Gold beaten and sifted, A. lb. iiij. white Vitriol burnt and powdered \mathfrak{z} iv. boyl the Litharge, Grease and Oyl together with a gentle fire (with a little Plantane water continually stirring of it with a Spatula, to the consistence of an Emplaster: into which bring removed from the fire put the Vitriol, and make the mass according to Art.

Salmon.) This was formerly called Diapalma, because they ordered it to be stirred with a Spatula made of Palm-wood: now they call it Diacalciteos, and yet there is no Calcites in it, a Plaguy cunning trick. It is cooling, drying and binding, good to heal bruises, sores and ulcers, to dry and skin them, it heals green Wounds, and applied to pain-

Pained and weak parts it eases and strengthens them: Nurses commonly apply it to their Breasts, to dry up the Milk in them.

15. *Diachylon simplex*, Emplaster of Mucilages simple.

Colledge.) Take Mucilage of Linseed, Fenugreek seed, *Althæa* roots, A. lbj. Old clear Oyl lbij. Licharge of Gold lbiss. That you may have the said quantity of the Mucilages, Take Seeds of Fenugreek and Flax, *Althæa* roots, A. ziiij. fair water lbvj. Let the Licharge be beaten to a very small powder, and well beaten or stirred with the Oyl: after boyl with a gentle fire, continually stirring it with a sparula, till it grows thick, and has the consistence of Honey. Then being removed from the fire, let it cool a little; Lastly, add the Mucilages, mix them well, and boyl with a gentle fire to the Consumption of the Aquosity, make an Emplaster S.A.

Salmon.) It is a gentle emollient and discussive Emplaster, softning and healing.

16. *Diachylon Ireatum*, The Emplaster of Mucilages with Orrice Root.

Colledge.) To every pound of *Diachylon* simple, add powder of Orrice Roots zj.

Salmon.) It will help to make it smell a little better, but not much.

17. *Diachylon Magnum*, Emplaster of Mucilages the Greater.

Colledge.) Take Mucilages of Raisons, of fat Figs, of *Althæa* roots, of Line-seed, Bird-lime, Juices of Orrice and Squills, Oesypus, or

Sheeps feet Oyl, A. zjss Oyls of Orrice, Camomil and Dill, A. zviij. Licharge of Gold in fine powder lbj. Turpentine ziiij. Pine Rosin, Tellow wax, A. zij. stir and grind the Licharge well with the Oyl, boyl them with a gentle fire still stirring continually till it grows thick: being taken from the fire, and a little cooled, add the Mucilages (first boyled with the Oyls and strained, and then boyled to the consumption of the superfluous humidity:) after put in the Bird-lime and Oesypus (dissolved in the Juice of Orrice and Squills:) boyl to the consumption of the juices. To all these boyling add the wax and Rosin melted: then take them from the fire and put in the Turpentine, continually stirring them, that the whole mixture may have the equal and due form of an Emplaster.

Salmon.) It is emollient, discussive and anodyne: abates Tumors and inflammations: conglutinates new Wounds, digesting, cleansing, and healing them. Country Women lay it to their Breasts when they say they have got an Ague in them.

18. *Diachylon Magnum cum Gummi*, Emplaster of Mucilages the Great, with Gums.

Colledge.) R of Bdellium, Sagarapenum, Ammoniacum, A. zij. dissolve them in wine, strain, and boyl to the thickness of Honey, then add them to the Mass of *Diachylon* Magnum.

Salmon.) It very powerfully softens, resolves and discusses tumors; easing pain, warming and comforting the part afflicted: It digests, and maturates, and is the best of all the four to ripen

ripen, or dissolve hard swellings.

19. *Dyachylon Compositum*, five *Emplastum* & *Mucilagibus*, Emplaster of Mucilages Compound.

Colledge.) Take Mucilages of the middle bark of Elm, of Linseed and Fœnugreek seed, *A. ℥ivss*. Oyls of Camomil, Lillys and Dill, *A. ℥lss*. *Ammoniacum*, *Galbanum*, *Sagapenum*, *Opopanax*, ana *℥lss*. Yellow Wax *℥xx*. Turpentine *℥ii*. Saffron *℥ii*: let the Mucilages being extracted with Water, be boyled with the Oyls at a gentle fire, to a full consumption of the Aquosity, in which melt the Wax (being cut into bits) stirring them with a Spatula: remove the matter from the fire, and whilst yet it is warm, add the Gums (dissolved in the Turpentine) by degrees, stirring them altogether very well: Lastly, put in the Saffron (in fine powder) that an Emplaster of a fit body may be made.

Salmon.) It is much more effectual than the former to all the same intentions; It ripens Tumors, cleanses and heals them when broken.

20. *Emplastum Diaphenicum calidum*, Emplaster of Dates hot.

Colledge.) R Yellow Wax *℥ii*. Pine Rosin, Pitch, ana *℥iv*. Oyls of Roses and Spicknard, ana *℥j*: being melted together, add Pulp of Dates (made in sweet scented Wine) *℥iv*. Slish of Quinces (boyled in red Wine) *℥j*. then the following powders: R Bread twice baked (macerated in generous Wine and dried): *℥ii*. Mastich *℥j*. Frankincense, Wormwood, red Roses, Spicknard, ana *℥lss*. Xyloaloes, Mace, Myrrh, Aloes Hepatica,

Acacia, Troches of Gallia Mescha, and Earth of Lemnos, Calamit Aromaticus, *A. ℥j*. Labdanum *℥iii* mix and make an Emplaster according to Art.

Salmon.) It strengthens the Head, Stomach and Bowels, comforts the Brain, Liver, Spleen, Womb, Reins, Nerves and Joynts and eases pain.

21. *Diaphenicum frigidum*, Emplaster of Dates cold.

Colledge.) R Wax *℥iv*. Shpitch *℥v*. Labdanum *℥iiiss*. Oyl of Roses *℥viii*. these being melted add Pulp of Dates almost ripe (boyled in sharp Wine) *℥iv*. Slish of Quinces in like manner boyled Bread twice baked, often steeped in red Wine and dried, ana *℥j*. Storax Calamita strained, Acacia, unripe Grapes, Balansters, Yellow Sanders, Troches of Terra Lemnia Myrrh, Xyloaloes, ana *℥lss*. Mastich, red Roses, ana *℥lss*. Rong Wine enough to dissolve the Juices mix and make an Emplaster according to Art.

Salmon.) It has the Virtue of the other by a cooling property: strengthens weak Sinews and Limbs, is good in Fracture of the Bones and Luxations of the Joynts, stops Fluxes, and helps Ruptures: It also heals and dryes Wounds and Ulcers.

22. *Emplastum Divinum*, The Divine Emplaster.

Colledge.) Take of the Loadstone *℥iv*. *Ammoniacum* *℥iii*, *℥ii* Bdellium *℥ii*. *Galbanum*, Myrrh ana *℥x*. Olibanum *℥ix*. *Opopanax*, Mastich, long Birthwort, Virdegrise, *A. ℥j*. Litharge of Gold, Olyve, ana *℥lss*. New Wax. *℥viii*

the Litharge being in pure fine powder, grind with the Oyl and boyl with a gentle fire to the thickness of Honey: then add the Wax, which being melted, take the mixture from the fire, and put in the Gums (dissolved in Wine or Vinegar and strained) then the powder of the Myrrh, Mastich, Frankincense, Birchworth, and Load-stone. Lastly, the Verdegrise, and make an Emplaster according to Art.

Salmon.) It eases pain coming of a cold cause, digests, dissolves, and cleanses. It is excellent against old Sores and malignant Ulcers, cleansing, incarnating, drying and healing. It discusses such Tumors as will not suppurate, otherwise it ripens them; and by the experiences of some learned Men, this is a very prevalent Emplaster against the Gout, and pains of the Joints.

23. *Emplastrum Epispaticum*, the Blistering Emplaster.

Colledge.) *℞ Emplaster of Melilot simple ℥ij. Venice Turpentine, whole Cantharides, A. ʒj. Burgundy Pitch, ʒiij. mix and make an Emplaster according to Art.*

Salmon.) It is only used to draw blisters with: you may apply it to the nape of the Neck, for the Head-ach, Tooth-ach, and Rhumes in the Eyes: and to the wrists in all dangerous, malignant and pestilential Fevers, by which you may draw away much venomous Water. For a Fever, which is only a certain fermentation of the blood, is often caused through such Poysonous and Hetrogeneal juices: This is much altered from that in their old Book: what that

is you shall see anon.

24. *Emplastrum a Nostratibus sive Unguentorum dictum*, the flower of Oynments.

Colledge.) Take Rosin, Pine-Rosin, yellow Wax, Sheeps suet, A. lbss. Olibanum ʒiv. Turpentine, ʒijss. Myrrh, Mastich, A. ʒj. Camphir ʒij. white Wine, lbss. boyl them into an Emplaster.

Salmon.) It searches, draws, cleanses, and heals, not suffering any dead flesh, proud flesh, or corruption in a wound or Ulcer: It eases pain, digests, resolves tumors, comforts and strengthens the Sinews, helps Sprains, and draws Splinters, Thorns, and broken Bones out of the flesh, ripens Apostumes, heals all manner of Boils and Cankers, and the Bitings of venomous Beasts, and eases the Head-ach, and Gout.

25. *Emplastrum de Gummi Elemi*, Emplaster of Gum Elemi.

Colledge.) Take Gum Elemi ʒiv. Pine-Rosin, pure Wax, Ammoniacum, A. ʒij. Turpentine, ʒiijss. Malago Wine, q.s. boyl to the consumption of the Wine, then add the Ammoniacum dissolved in Vinegar.

Salmon.) It is an especial Salve against wounds in the Head, or Ulcers in any part of the Body, if not very sanious: It gently cleanses, breeds flesh, and heals it: It heats, mollifies, digests, dissolves, concocts, maturates, and eases pain, being much in operation like *Asclepius* his Lincement.

26. *Emplastrum Gratia Dei*, A Plaster

Plaster called the Grace of God.

Colledge.) Take Turpentine ℥℥s. Rosin ℔j. Yellow wax ℥iv. Mastick ℥j. fresh flowers of Betony, Vervain, Burnet, ana M. j. Macerate the Herbs bruised in red Wine for a whole day, then boyl to the consumption of half the Wine, in the expressed liquor dissolve the wax, assiduously stirring them with a Spatula to the consumption of the rest of the Wine. Being taken from the fire, put in the Turpentine, and lastly, when a little cooled, add the Mastick reduced to powder, making an Emplaster S. A.

Salmon.) It is a good Vulnerary Emplaster quickly curing green Wounds and Ulcers, cleansing, breeding flesh, and skinning them.

27. *Emplastrum Griseum de Lapide Calaminari*, Emplaster of Lapis Calaminaris.

Colledge.) Take Lapis Calaminaris prepared ℥j. Litharge ℥ii. Ceruse ℥ss. Tutia ℥j. Turpentine ℥vj. white Wax ℥℥s. Deers Suet ℥ii. choyle Frankincense ℥v. Mastick ℥iii. Myrrh ℥ii. Camphir ℥℥s: Let them be melted together with the Turpentine, Wax and Suet; after put in the Powders of Frankincense, Mastick and Myrrh: they being well mixed, add the Powders of the Lapis Calaminaris, Litharge, Ceruse and Tutia: Lastly, whilst yet warm, put in the Camphir dissolved in a little Spirit of Wine, and so make an Emplaster.

Salmon.) It cools, dries, heals, allays inflammations and eases pain: Some say, it will heal green Wounds at once dressing.

28. *Emplastrum de Hermodactylis*, Emplaster of Hermodactylis.

Colledge.) Take *Emplastrum*

Diacatleeds ℥viii. Burgundy Pitch (melted and strained through Canvas) ℥iv. white Venice Soap new yellow Wax, A. ℥iii. Orange flower Oyniment ℥j. Cummin seed Hermodactyls, ana ℥℥s. Wormwood dried, Camomil flowers, Florentin Orrice, ana ℥℥s. powder what are to be powdered, and make an Emplaster according to Art.

Salmon.) It draws, cleanses and heals green Wounds or old Sores. It also gives ease in the Gout, being applied pretty thick upon Leather. This is an Invention added in the last Edition.

29. *Emplastrum ad Herniam*, An Emplaster for Ruptures.

Colledge.) Take Galls, Cyrene Nuts, Pomgranate Peels, Balaustrians Acacia, seeds of Plantane, of Fleawort, of Cresses, Acorn cups, parched Beans, long and round Birthwort Myrris, A. ℥℥s. Let these be powdered and steeped in Rose Vinegar four days, after torrifed and dried: Then take Comfy the greater and lesser, Horse-tail, Wood, Ceterach, roots of Osmund Royal and Fern, A. ℥j. Frankincense, Myrrh Aloes, Mastick, Mummy, A. ℥ii. fine Bolt washed in Vinegar, Lapis Calaminaris prepared, Litharge of Gold, Dragons blood, ana ℥iii. Ship Pitch ℔ii. Turpentine ℥vi. or as much as is sufficient to make it into an Emplaster S. A.

Salmon.) It is designed for the cure of Ruptures, as the Title imports; but 'tis in general a strengthening Emplaster, comforting a weak Back and Reins, fastens the looseness of the Joynts, fortifies the Womb, prevents abortion, stops Fluxes of Bowels, and defluxions of the

Rhume

Rhume from the Head, joins together broken Bones and breeds a Calous, having all the Virtues of Catagmaticum aforelaid.

30. *Emplastrum Hystericum*, A Plaster for the Womb.

Colledge.) Take Bistort roots lb. j. Xylozoes, yellow Sanders, Nutmegs, Barberry-Kernels, Anthera, or the Yellow thrums in the middle of the Rose, ana ℥j. Cinnamon, Cloves, Camels hay, Camomil flowers, ana ℥ss. Frankincense, Mastich, *Alipra Moschata*, *Storax Calamita* strained, ana ℥j. the best Musk ℥ss. Yellow Wax lb. iiss. Turpentine lb. ss. *Moschelaum* ℥iv. *Labdanum* lb. iv. Ship Pitch, lb. iii. The Wax and Pitch being melted in the Oyl, add the *Labdanum* and Turpentine, then the *Storax*: they all being put in and the mixture a little cooled, mix the powders, (adding at the end the *Alipra* and *Gallia Moschata* dissolved in Aromatick Wine) and with a Spatula diligently stirring and mixing them, make an Emplaster according to Art.

Salmon.) Here is Frankincense and Mastich A. ℥j. to about lb. xii. of the Composition, which is but gr. v. to 5760, or in lesser numbers gr. j. to 1152. It was invented to strengthen the Womb, and cure fits of the Mother, being applied upon the Navel, or a little below it: applied to the Head, it stops a Catarrh, strengthens, warms, and dries a cold and moist Brain; fortifies the Stomach being applied to it, causes digestion, and staves Vomitings: It stops a Looseness and all sorts of Fluxes of the Bowels, comforts the Nerves and Joynts, is Anodyne,

cleansing, incarnating and healing: In so much that it has cured very desperate Wounds, and that in two or three days time.

31. *Emplastrum de Janna*, five de *Betonica Simplicius*, Emplaster of Betony more simple.

Colledge.) Take Juices of Betony, of Plantane, and of Parsly, ana lbi. Wax, Ship Pitch, Rosin, Turpentine, A. lss: In the Juices not clarified boyl the Wax out small, continually stirring of them; then put in the Pitch and Rosin, boyling again to the consumption of the remaining humidity: Lastly, strain; and dissolve the Turpentine therein, stirring it accurately with a wooden Spatula, make an Emplaster S. A.

Salmon.) It is an excellent thing to cure pains of the Head, and all sorts of Green Wounds: having indeed all the Virtues of the former, at sect. 5.

32. *Emplastrum de Mastiche*, Emplaster of Mastich.

Colledge.) Take Mastich ℥iii. fine Bole (washed in red wine) ℥iss. Red Roses ℥vj. shavings of Ivory, Myrtle-berries, ana ℥ss. Turpentine, Colophony, *Tacamahacca*, *Labdanum*, ana ℥ii. Yellow Wax lss. Oyl of Myrtles ℥iv: let the things which are to be poudered be beaten by themselves: then melt the Wax in the Oyl, to which (being taken from the fire) add the Turpentine: after that the Bole, the Roses and Ivory in fine powder, at length the Mastich being exquisitely rubbed: all being in a Mortar a little hot, by an industrious stirring of them, make an Emplaster S. A.

Salmon.) It is a Cephalick and Stomatick Emplaster, stops Catarrhs, and Vomitings, strengthens and

and warms the Brain and Stomach, helps Digestion, stays Fluxes of the Bowels, and prevents Abortion: 'Tis a good thing to draw, cleanse and heal a green wound; and to be applied to cold Diseases of Nerves, pains, and weakness, as also to Fractures and Dislocations; Swellings and dolorous Tumors.

33. *Emplastr. de Meliloto simplex*, *Emplastrum of Melilot simple.*

Colledge.) R pure R^{sin} ℥viii. yellow Wax ℔iv. Sheeps suet ℔ii: To these being melted add green Melilot cut small ℔v. make an Emplaster S. A.

Salmon.) It ripens Tumours, breaks and cures them; it draws, cleanses and heals Wounds admirably in any part of the Body: only be cautious of applying it too long to Wounds of the Legs, because they are depending parts and may cause a flux of humors not easily to be diverted.

34. *Emplastrum de Melito compositum*, *Emplaster of Melilot compositum.*

Colledge.) R flowers of Melilot ℥vj. flowers of Camomil, Fenugreek seed, Bay-berries husked, Althæa roots, Tops of Wormwood and Marjoram, A. ℥iii. seeds of Parsly, Bishop's weed and Carduus; roots of Orrice, Cyperus and Spicknard, Cassia Ligna, and Zills. Ammoniacum 3x. Storax Calamita, Bdellium, A. 3v. Turpentine Zills. Pulp of fat Figs N^o xii. Goats Suet, Rosen, ana 3iiss. Wax 3vj. Oyls of sweet Marjoram, and of Spicknard, ana 3iii. Let the roots, seeds, herbs and flowers be beaten in their Order, then the Cassia and Storax, but by themselves, mix them altoget-

ther. In the mean season macerate the Bdellium and Ammoniacum in Vinegar. Extra& their Mucilages of the Althæa roots and seeds of Fenugreek in decoction of Melilot and Camomil: to them being strained, add the figs bruised, digested in some of the same Decoction, and pulping them. In these thus prepared, melt the wax over a soft fire, then put in the Suet; presently after the Rosin in powder: to which all being melted and removed from the fire, add whilst luke warm the Gums (dissolved in Vinegar, strained and boyled to the thickness of Honey) mixed with the Turpentine, after put in the powders: lastly, when all are well mingled, beat them a good while in a moderately hot Mortar with a Pestle, adding in the interim the Oyls of Nard and Marjoram, make an Emplaster S. A.

Salmon.) A learned but long Discourse. The Colledge here talks almost like an Apothecary, as the vulgar Phrase is, but not half so well; for my part, I think it best to leave every one to their own Trade, and not to act Phormio's part without Hannibal's Soul, this is to out-do the Clobber that goes beyond his Last. But now I have no time nor place to descend in. But to the Business in hand: In their old Book, there was Ammoniacum (dissolved in Hemlock Vinegar) 3iii. here it is but 3j. and a quarter: There it was Melilot plaster simple, ℔j. and an half; here it is all wanting. In truth, that in the old Book was much the better Medicine, but somebody must be meddling; and truly, I believe, the alterations were only made, not that

that they might say, *They did something*, but that the World might not say, *They did nothing*. If it be made after the old manner, it is maturative, emollient, and anodyne, draws, cleanses, and heals, strengthens the Stomach, Liver, Spleen and Bowels, dissolves wind and Tumours, helps hypochondriack Melancholy, vomiting, indigestion, and the Rickets.

35. *Emplastrum de Minio Compositum*, Emplaster of red Lead compound.

Colledge.) R *Oyl of Roses* ℥i℥s. *Oyl of Myrtles*, *Unguentum Populeum*, ana ℥iv : *Hens grease* ℥ii : *Hogs grease* ℥vii. *Litharge of Gold and Silver*, ana ℥vi : *Ceruse* ℥ix : boyl them at a gentle fire, continually stirring them (adding now and then, a small quantity of the best Vinegar, lest it should grow black) make it to the consistency of a stiff Emplaster, to which add sheep and calves jute, A. ℥ss. Turpentine and Minium, ana ℥iv : yellow wax a little, boyl them again a little, and make an Emplaster, according to the rule of Art.

Salmon.) It is exceeding drying and healing, cures wounds and Ulcers speedily; and is as good a thing against all manner of old aches, pains, sprains, weaknesses and distaffs of the Back, Nerves and Joynts; as also the Gour and Sciatica, as any thing now generally used. Here is added Hens and Hogs grease, and Oyl of Myrtles in stead of Mastick.

36. *Emplastrum de Minio Simplicissimum*, Emplaster of Red Lead simple.

Colledge.) R *Red Lead* ℥ix. *Oyl of Roses* ℥i℥s. *white wine Vinegar* ℥vi. boyl it to the perfect body of an

Emplaster. It is also prepared without Vinegar, thus : *Take red Lead* ℥i. *Oyl of Roses* ℥i℥s. *wax* ℥i℥s. make an Emplaster S. A. But the wax may very well be omitted.

Salmon.) In making of this Emplaster the first way, you ought to boyl it till it is black, and of a consistency not to stick, for then it will not flux, but this may be done, you must put in almost three times the quantity of Oyl, viz. at least ℥xxiv : then first boyl the Minium and Vinegar a little together, then put in the Oyl by degrees, but be careful of the fire, lest it run over : boyl it till it is black, the Vinegar consumed, and the Emplaster be of a good consistence, not too stiff. Made the latter way, the Emplaster will be naught, and without any of the Intentions for which it is designed, besides 'twill be so stiff and brittle that 'twill no wayes stick, but be totally useless : The Vinegar is put in to open the body of the Minium, that it may emit its anodyne or narcotick Virtue lodging in its *Saccharum*, which without that Acid would be kept shut up, and so the Emplaster be never the better for that Ingredient, where indeed is the chief Virtue. It dries and heals wonderfully, has all the Virtues of the former, dissolves tumors and coagulated humors ; It mollifies, expels, and is anodyne : it is so excellent a thing against all manner of pains, bruises, and old Aches, the weakness of the Back, and Sinews, Sprains of the Joynts, Gouts, Old Sciatica's, and other inveterate pains coming of cold, that it has scarce-

ly any equal : esteem it as a Jewel.

37. *Emplastrum, unguentum* Macropropiation, An Emplaster for the Falling out of the Womb.

Colledge.) *R* Maslich *Zi*ls: fine *Galbanum* (dissolved in red wine and strained) *Zvi* Cyprus Turpentine *Zii*. Cyprus Nuts, Galls *A. Zi*ls : Oyl of Nutmegs by expression *Zi* : Musk gr. *li*ls. Pitch (scrap'd off from old ships) *Zi*ls : beat the *Galbanum*, Pitch, Turpentine, and Mastick gently in a hot mortar and pestle, adding towards the end the Oyl of Nutmegs, then the powders by little and little, and lastly the Musk, (dissolved upon a Marble, with a little Oyl of Mastick) and by exact mixing, make them into an Emplaster.

Salmon.) The Title shews the Intention, which was to hinder the falling down of the Womb, and staying of it in its place ; It comforts and strengthens it, as also the Stomach, fortifying the retentive faculty, stopping vomiting and looseness, causing digestion ; and (being laid to the Navel) helps fits of the Mother.

38. *Emplastrum Nervinum*, An Emplaster for the Nerves.

Colledge.) *R* Oyls of Camomil, and Roses, *A. Zi*l. Oyls of Mastick, Turpentine and Linseed *A. Zi*ls, clear Turpentine *Ziv*. suet of a gelt Calf ; and of an He Goat, *A. Zi*ls. Rosemary, Betony, Horsetail, Censory the less, *A. M. i*. Earth-Worms washed, and cleansed in wine *Ziii*. Tops of Hypericon *M. i*. Mastick powdered, Gum Elemi, Madder roots, *A. Zx*. ship-pitch, Rosin, *A. Zi*ls. Litharge of gold and silver, *A. Zi*ls. Minium *Zii*, *Galbanum*, *Sagapenum*,

*Ammoniacum A. Zi*li. boyl the Roots, Herbs, and Worms in wine *℥i*ls. to the half ; press out, and boyl the liquor again (adding the Oyls, Suets, Litharge, and Minium) to the consumption of the wine ; presently after put in the Gums (dissolved in sweet scented wine) then the Turpentine ; lastly, the Rosin, Pitch and Mastick in powder, and make an Emplaster *S. A.*

Salmon.) It is an admirable thing to warm, comfort and strengthen the Head, Brain, Stomach, Womb, Back, Reins, Nerves, and Joynts : It is good in Palsies, Numbness, Lameness and Vomiting ; and has all the Virtues of *Emplastrum divinum* foregoing.

39. *Emplastrum Nigrum*, A black Emplaster.

Colledge.) *R* white Ceruse *℥i*l. Linseed Oyl *℥ii*. boyl them to a just consistence, stirring diligently with a Spatula.

Salmon.) It is a drying, healing, and Anodine Emplaster, much of the nature of *Emplastrum de Minio* simple.

40. *Emplastrum sine Pari*, An Emplaster without a fellow.

Colledge.) *R* *Olibanum*, *Bdelium*, gummy Storax, *A. Zi*li. *Ammoniacum*, *Galbanum*, and *Zi*ls. Ship-pitch *Zvi* : Harts Marrow Bar of a Hen, Goose, *A. Zi*l. Sulphur vive washed in Milk, Hermodactyl in powder, and *Zi*ls. Dissolve the Gums in thin white wine ; and with oyl of Roses compleat *Zii*. Oyl of eggs p. j. oyl of Turpentine a little, make an Emplaster according to Art.

Salmon.) It heats, warms, comforts, and strengthens the Head, Stomach, Womb, Nerves and Joynts, ripens tumors, or other-

wise

wife discusses them, eases pain in any part of the Body; chiefly in the Spleen, dissolves nodes and hard tubercles in the flesh, matures, cleanses, heals, dries, skins Ulcers; and confirms weak and feeble members. It is an excellent thing for Wounds in the Head.

41. *Emplastrum Oxycroceum*, An Emplaster of Vinegar and Saffron.

Colledge.) Take Saffron \mathfrak{z} iiis: Ship pitch, Colophony, yellow Wax, ana \mathfrak{z} iv: Turpentine, Galbanum, Ammoniacum, Myrrh, Olibanum, Mastich; A. \mathfrak{z} i \mathfrak{z} iii: to the melted Wax add the Pitch (cleansed from its filth and strained) then the Colophony: these being melted, removed from the fire, and a little cooled, mix with the Galbanum and Ammoniacum (dissolved by themselves in Vinegar, strained and boiled to a consumption of the Vinegar, then mingled with the Turpentine:) after sprinkle in the Frankincense, Mastich and Myrrh, made into a very fine powder; Lastly, the Saffron very subtilly powdered; and by stirring them all well together, make an Emplaster S. A.

Salmon.) It is good against bruises, weakness, coldness, numbness, old aches, pains, stiffness, or other diseases of the Limbs, Nerves and Joynts: It cures Tumors, either discussing them, or bringing them to suppuration: It softens, and eases pain beyond most other Medicines: It cleanses, draws, heals, dries; and skins Wounds, old Sores, Ulcers, broken bones, fractures, dislocations, and the like miraculously; helping the weakness and distemperature of the sinews thence arising: It is prevalent against cold

swellings, and pain and weakness of the Back, being applied.

42. *Emplastrum de Rana*, A Plaster of Frogs.

Colledge.) Be live Frogs, N^o vi: Earth-worms (washed in whitewine) \mathfrak{z} iiis: Oyl of Camomil, Dill, Spicknard (or broad leaved Lavender extracted by distillation) and of Lillies, A. \mathfrak{z} ii: Oyl of Bays \mathfrak{z} is: Oyl of Saffron \mathfrak{z} i: Hogs grease, Calves suet, ana \mathfrak{z} ij: Vipers fat \mathfrak{z} iiis: Euphorbium \mathfrak{z} v: Frankincense \mathfrak{z} x: juices of Elicampagne Roots, and Dwarf Elder Roots, A. \mathfrak{z} ii: Scennanth, Stachas, Motherwort with the flowers, A. M. I: sweet scented Wine \mathfrak{z} ii: Litharge of Gold \mathfrak{z} ij: clear Turpentine \mathfrak{z} ii: yellow Wax \mathfrak{z} iv: Liquid Storax \mathfrak{z} is: Quicksilver \mathfrak{z} iv: boyl the Frogs, Worms, herbs and juices together, with the Oyls of Camomil, Dill, Lillies, Lard, Fat; and Wine \mathfrak{z} is: strain, and add the Wax cut small, and the remaining Wine \mathfrak{z} is: boyl again to the consumption of all the Wine, and till it will not stick to your fingers: then add the Oyl of Saffron, Bays, Spick, and Vipers Fat: after them the powders of Frankincense and Euphorbium: Lastly, the Mass being almost cold add the Quicksilver well mixt with the Storax and Turpentine; which by assiduous stirring with a spatula incorporate well together.

Salmon.) Here is only a small matter of Litharge added more than in the old Recipe, viz, but \mathfrak{z} ix: and Turpentine \mathfrak{z} j less: As to the quantity of Mercury 'tis too little by half at least: the Apothecary may well put in \mathfrak{z} ix: which is but \mathfrak{z} is to one pound of the Composition (the whole

See a mass,

mass, the Quicksilver excepted, being about ℥vi : and in some cases, by the precept of the Physician, you may put in a pound : for by reason it is imbodied in a more solid form than that of an Oyntment, there is no danger in it, which otherwise might not be without very ill effects : This Emplaster, if made with Mercury ℥ix. is absolutely the best in all the Classis, having a Faculty of discussing swellings, tumors and nodes, and easing pains in the Head, Shoulder, Hip, Joynts, Nerves, &c. proceeding from cold, wind, the French Disease, Gout, &c. thereby strengthening the part, abating restless and excruciating pains, and drawing out the Venom in a kind of Dew : In a word, 'tis a Medicament beyond Commendations.

43. *Emplastrum sacrum, sive Dictamnium Galeni*, The holy Emplaster.

Colledge.) T. be old Oyl ℥℥. iiss. Litharge ℥℥. j. ℥ss : Verdigrise ℥j : Scales of Brass ℥vi : Colophony ℥vi ℥iis : Fine powder of Frankincense ℥iis : Ammoniacum ℥ii : burnt Brass ℥i : roots of Gentian, A. ℥vi : Virgin wax, Aloes, A. ℥i : Galbanum ℥iis : round Birchwort, Ditany of Crete, A. ℥x : Wax ℥iis : In the mean while boyl the Oyl with the Litharge, till they are well united continually stirring them : and adding the Verdigrise and Scales of Brass, let them boyl a little. Being removed from the fire (whilst yet boyling) put in the Rosin and Ammoniacum dissolved in Vinegar. Stir them till they begin to grow cold, then add the wax and burnt Brass. Boyl again, and when

it will not stick to your hands, remove it from the fire, and put in the rest of the things beaten very fine, and by diligently stirring of it make a Plaster by the rule of Art.

Salmon.) It opens Obstructions, mollifies, eases pains of the Stomach, Sides, Spleen, Reins, and Bowels, discusses Wind, strengthens the Womb and Joynts, dries, heals, and is excellent in new Wounds, Ulcers, Tumors, and Arthritick pains.

44. *Emplastrum de Sandyce*, An Emplaster of white and red Lead Colledge.) R. sheeps feet Oyl, of Heifers feet, Linseed Oyl, A. ℥℥. j. white Lead, red Lead, A. ℥viii. Resin, yellow wax, A. ℥iv : Camphir ℥ss : mix and make an Emplaster according to Art.

Salmon.) It is drying, healing and Anodine ; skins a sore excellently, and gives ease in the Gout, old aches and pains, bruises, weakness and Distempers of the Nerves and Joynts ; it comforts and nourishes wasted and withered Limbs.

45. *Emplastrum de Saponi*, Emplasters of Soap.

Colledge.) R. common Oyl ℥℥. i. red Lead ℥℥. i. being put upon the fire, and well stirred for a good while till they are thoroughly commixed remove them thence, and whilst yet hot put in Venice Soap (cut into very thin slices) ℥ss : and make a Emplaster according to Art.

Salmon.) It is invented against inveterate pains of the Gout and Sciatica, or other Aches ; for which it is a most excellent thing. But in the making of you ought first to boyl the Magma with Vinegar a while, the

put in the Oyl by degrees, lastly, the Soap: you will find by the making that Oyl shall be little enough, if you make it well.

46. *Emplastrum Sicyonium*, Emplaster of wild Cucumers.

Colledge.) take roots of Wild Cucumers ℥iij. Sulphur Five; Cummin seeds A. ℥ij: Euphorbium ℥is: make of all a very subtile powder, which by a gentle fire incorporate with Burgundy Pitch ℥xxviij. stirring them continually with a spatula or slice: at the end add Oynment of Sawbread ℥iij. and make an Emplaster according to Art.

Salmon.) It dries and something purges, expelling water by stool in Dropsies.

47. *Sparadrapum pro fonticulis*, A cerecloth for Issues.

Colledge.) Take yellow wax ℔s. Turpentine, red lead, A. ℥iv. Cinnabar, roots of Florentine Orrice, A. ℥j. Musk gr. iv. melt the Wax and Turpentine together, then add the Pouders mixt with a little common Oyl for their better mingling; among which, let the Minium and Cinnabar be beaten very fine: stir them strongly for a good while. Lastly, add the Musk dissolved in Rose water. Whilst it yet boyle, dip in Linnen cloth (a little worn) that it may be made a Cerecloth.

Salmon.) It is made chiefly to lay upon Issues; it dries, heals and skins Sores.

48. *Sparadrap, seu Tela Gualteri*, Walters Cerecloth.

Colledge.) Take oyl of Roses ℔s. Rams suet ℥iv. Wax ℥x. Litharge, Pine Rosin, Frankincense, Mastick, A. ℥ii. fine Role, fine

flower, ana ℥i. melt the Oyl, suet, and wax together, then put in the Litharge beaten fine and ground, and in the time of boyling diligently stirred with a spatula: after add the other pouders, working them well to make the Emplaster: in which, whilst melted and hot, dip old Cloth.

Salmon.) It breeds flesh, conglutinates, heals, dries, and skins Sores, comforts and strengthens any weak part: it is applyed to easing pain, and discussing matter.

49. *Emplastrum, seu capitivum*, Stephaniaion, The Crown Emplaster.

Colledge.) Take Labdanum ℥s. Storax Calamita strained, Gum of Juniper, A. ℥ii. Amber, Cypress, Turpentine, A. ℥i. red Coral, Mastic, A. ℥s. Sage, Red Roses, roots of Florentine Orrice, A. ℥i. Rosin washed in Rosewater ℥s. beat gently the Rosin, Labdanum, Juniper Gum and Turpentine in a hot Mortar with a hot Pestle, (sprinkling in a few drops of red Wine) so long, till they seem to stick together, then put in the Pouders by degrees, that by a diligent and continual stirring for an exact mixtion of them all an Emplaster may be made.

Salmon.) Applyed to the Crown of the Head, it stops Catarrhs and Rheums falling down upon the Lungs, and so helps Consumptions thence arising: It strengthens the Head, Brain, Stomach, Bowels, Womb, Reins, Nerves and Joynts: stays Vomiting and Loosness: is good against Ruptures, Fractures and Dislocations, and eases pain.

50. *Emplastrum Sticticum*, An Emplaster against Punctures.

Colledge.) R. Oyl Olive ℥vj. yellow wax ℥ls. Litharge beaten ℥ivss. *Amoniacum*, *Bdellium*, A. ℥ls. *Galbanum*, *Opopanax*, Oyl of Bay, *Lapís Calaminaris*, Birchwort both sorts, Myrrh, *Frankincense*, A. ℥ij. pure Turpentine ℥j. let the Oyl and Litharge be boyled and ground together, stirring them continually with a wooden spatula, till they will not stick to your fingers: then the mass being removed from the fire, put in the wax, which being melted, add the Turpentine mixed with the Gum; afterwards put in the Pouders, and being a little cooled add the *Frankincense*. Lastly the Oyl of Bay, that an Emplaster may be made according to Art.

Salmon.) It is designed against Punctures, or Pricks, Wounds or other hurts of the Nerves, to ease pain in any part, assuage tumors or ripen them, strengthens weak Limbs, help the Gout, cleanse, draw, heal and skin Wounds, Sores, and Ulcers: and to take away old Aches in the Back or other places, coming of cold, bruises or such like.

51. *Emplastrum Stomachicum Magistrale*, A Magistral Stomack Emplaster.

Colledge.) Take Mint, Wormwood, *stoechas*, Bay leaves, A. ℥j. Marjoram, red Roses, yellow Sanders, A. ℥ij. *Calamus Aromaticus*, *Xyloaloes*, Lavender flowers, Nutmegs, Cubebs, *Galanga*, long Pepper, Mace, ana ℥j. Mastich ℥iiij. Cloves ℥ijss. Oyl of Mint ℥jss of Nard ℥j. of Spike ℥j. Rosin, Wax, A. ℥iv. *Storax* strained ℥ls. make

them into an Emplaster according to Art.

Salmon.) It comforts the Head, Brain, Stomach and Nerves exceedingly, helps digestion, stays Vomiting; warms and strengthens the joynts, and Weak Limbs, eases pain, digests, dissolves, Mollifies, and has indeed all the Virtues of the former.

52. *Emplastrum Tonsorii*, The Barber Chyrurgians Emplaster.

Colledge.) Take dry Pitch lbj. Wax lbj. Pine Resin lbss. Fenugreek Meal, *Fæcula* of black Chamæleon or Bryony ana ℥iv. Cummin seeds finely beaten ℥ij. make an Emplaster SA.

Salmon.) It attracts, digests, dissolves, and evacuates through the Pores, Wheyish and Windy humors. *Aetius* highly commends it against the Spleen, Dropsy, Sciatica, and Gout. It draws, cleanses, heals and dries Wounds and Ulcers: breeding flesh, and giving ease in all manner of Painful Tumors coming of cold. It takes away old Aches coming of Bruises and Sprains, and applied to the Belly, is a good remedy against the Wind Cholick.

Emplasters left out in the new Dispensatory.

53. *Emplastrum Catagmaticum Primum*, The first Bone-sodering Emplaster.

Colledge.) Take juyce of Marsh-mallow roots ℥vj. Bark of Ash-tree roots and their leaves, Roots of Comfrey the greater and lesser, with

with their leaves, A. Zij. Myrtle berries ℥ss. Willow leaves, Tops of Hypericon, A. Mj ss. having bruised them, boyl them together in red wine and Smiths Water, A. ℥ij, till half be consumed strain, and add Oyl of Myrtles, Oyl of Roses Omphacine, A. ℥ss. Goats suet ℥viij. boyl it again to the consumption of the Decoction, strain it again, and add Litharge of Gold and Silver, Miniam, A. ℥iv. Yellow wax ℥ij. Colophonia ℥ss. boyl it to the consistance of an emplaster, then add Turpentine Zij. Myrrh, Frankincense, Mastich, A. ℥ss. fine Bole, Earth of Lemnos, A. ℥j. stir them about well, till they be boyled, and made into an Emplaster according to Art.

Salmon.) It Solders broken bones, heals Ruptures, strengthens weak Joynts, and has all the Virtues of the former of this name.

54. Emplastrum Epispasticum Prius, The former Blistering Emplaster.

Colledge.) Take Mustard seed, Euphorbium, long Pepper, A. ℥ss. Bayes acre, Pyrethrum, A. ℥ij. Ammoniacum Galbanum, Edellium, Sagapenum, A. ℥iiij. whole Cantharides ℥v. Ship Pitch, Rosin, Yellow Wax, A. ℥v. Turpentine enough to make it into an Emplaster.

Salmon.) It draws Blisters, and has the same effects with the foregoing of this name.

55. Emplastrum Ceroma, five Ceroneum, An emplaster of Wax,

Colledge.) Take Pitch scraped from a Ship, Yellow wax, A. ℥viij. Sagapenum ℥vj : Ammoniacum, Turpentine, Colophonia, Saffron, A. ℥iv. Aloes, Olibanum, Myrrh,

A. ℥iiij. Storax Calamita, Mastich, Op panax, Galbanum, Alum, Fenugreek seed, A. ℥ij. feces of Liquid storax, Bdellium, A. ℥j Litharge ℥ss.

Salmon.) The Virtues are the same with Diachylon Compositum aforegoing, being universally good against all cold Diseases of the Head, Stomach, Liver, Spleen, Womb, Nerves and Joynts : It is Emollient, Discussive and Anodyne.

56. Emplastrum Ipsi Epigoni Galeni, Gallens Emplaster for Ulcers.

Colledge.) Be yellow wax ℥100. Turpentine ℥200 : Scales of Copper, Verdegriſe, Round Birthwort, Frankincense, Sal. Armoniac, Ammoniacum, burnt brass, ana ℥viij : burnt Alum ℥vj : Aloes Myrrh, Galbanum, A. ℥xij : Old Oyl ℥ij. shak Vinegar q.s. let the metals be dissolved in the Sun with the Vinegar, then put in those things which may be melted; last of all the Pouders, and make them all into an Emplaster.

Salmon.) It cures stinking, rotten Ulcers, hollow, sinous and callous Fistulas, takes away Dead and Putrid Flesh, cleanses, and Fits them for Healing.

57. Emplastrum de Mastiche Prius, The first Emplaster of Mastich.

Colledge.) Take of Mastich, Ship pitch, Sagapenum, Wax, ana ℥vj : Ammoniacum, Turpentine, Colophonia, Saffron, Aloes, Frankincense Myrrh, ana ℥iiij : Galbanum, Op panax, Storax Calamita, Alum, (Rondolecius appoints, and we for him) Bitumen, Fenugreek,

Ecc 4

greek,

Greek, A. ℥ij. feces of Liquid Storax, Bdellium, Litbarge, A. ℥ss. &c.

Salmon.) 'Tis in vain to go any farther with this Emplaster, 'tis almost the same with that of Wax, at test. 55. aforegoing, and has the same Virtue, It strengthens all the parts of the body, it is applied to fortifie the Stomach, stops Vomitings and Fluxes, as also Catarrhs, being laid on the Crown of the head.

58. *Emplastrum Nigrum prius*, The former black Emplaster.

Colledge.) R Colophonia, Rosin, Ship pitch, White Wax, Roman Virriol, Ceruse, Olibanum, Myrrh, A. ℥viij. Oyl of Roses ℥ij. Oyl of Juniper Berries ℥ij. Oyl of Eggs ℥ii. Oyl of Spicknard ℥j. White Virriol, Red Coral, Mumy, A. ℥ii. Earb of Lemnos: Mastic, Dragons Blood A ℥j. Fat of an Heron ℥i. Fat of the fish Thymellus, called a Grayling ℥ij. Loadstone prepared ℥ij. Earthworms prepared, Camphir, A ℥j. make them into an Emplaster according to Art.

Salmon.) It dries, binds, and heals: is excellent good both for green Wounds, and old Sores whether Ulcers or Fistula's: By some it is commended for sore Breasts.

59. *Emplastrum sanctum ab Andrea e Cruce*, A Holy Emplaster by Andrew of the Cross.

Colledge.) R Pine Resin lbj. Oyl of Bays and Turpentine, A. ℥ij. Gum Elemi ℥iiij. let the Resin and Gum be melted over the fire, in a Brass Pan, stirring it

with a brass Instrument, then add Oyl of Bays and Turpentine, boyl it a little, then put it in a linnen bag, and that which drops through, keep in a glased pot for use.

Salmon.) It is emollient, digestive, discussive, healing and anodyne. It causes Suppuration in Tumors, cleanses, incarnates, and heals Wounds and Ulcers, having all the Virtues of the Emplaster of Gum Elemi aforegoing, as also of Arcæus his Liniment.

60. *Emplastrum Stomachicum*, The Stomach Emplaster.

Colledge.) R Xyloaloes, Wormwood, Gum Arabick, Mastich, Cyperus, Costus, Ginger, A. ℥ss. Calamus Aromaticus, Olibanum, Aloes, A. ℥iiij. Cloves, Mace, Cinnamon, Spicknard Nutmegs, Gallia Moschata, Schœnanth. A. ℥jss. with Rob of Quinces make it into an Emplaster; and when you have spread it upon Cloth, perfume it with Xyloaloes, and apply it to the Stomach.

Salmon.) It stops Catarrhs, Vomiting and Looseness; strengthens & comforts a cold and weak Head, Brain, Stomach, Liver and Spleen, being applied to those parts.

Emplasters added by the Author.

61. *Emplastrum de Galbano Mynsicbi*, Mynsichts Emplaster of Galbanum.

R Galbanum (dissolved in Vinegar) ℥j. Ship pitch ℥ss. Diachylon

chylon fimple ℥ij. *ſal Armoniac* ℥i. mix and make an Emplaſter.

Salmon.) It is good againſt Nodes, and takes away Corns in the Feet, and the pain of them, being applied, change it every third day.

62. *Emplaſtrum de Galbano Crocatam Mynſichti*, Emplaſter of Galbanum with Saffron.

Take Galbanum diſſolved in Vinegar ℥vi. Emplaſter of Melilot, Diachylon ſimple A. ℥iij. yellow wax ℥ij. white Turpentine ℥j. ſaffron ℥v. mix and make an Emplaſter.

Salmon.) It mollifies and reſolves hard and Scirrhouſ Tumors, diſſolves Nodes even to a wonder, and eaſes the moſt Vehement and deadly pains of the Head, Stomach, Shoulders, Sides, Bowels, Liver, Spleen, Womb, Reins, Nerves and Joynts, ariſing from crude and indigeſted matter, wind, or ſome cold in-temperature of the part. But above all things it molifies, eaſes, concocts, digeſts, attenuates and diſſolves Struma or Schrophula, commonly called the Kings Evil; and is very prevalent againſt Con- vulſions, Palfies, Numbneſs, and weakneſs of any Member.

63. *Emplaſtrum Diaſulphuris Ru- landi*, Rulandus his Emplaſter of Sulphur.

Take Rulandus his Baſam of ſulphur (at ſect. 15. cap. 12. lib. 3.) ℥ij: wax ℥ſs: Colophony ℥iij: Myrrh ℥iv: diſſolve over a fire all but the Myrrh, after add the Myrrh in powder, boyling with a gentle fire for a quarter of an hour; then take it off, and continue ſtirring till it is cold.

Salmon.) It is an experienced thing to cure all ſorts of Wounds and Ulcers, though inveterate.

64. *Emplaſtrum maturans Horſtii*, A ripening Emplaſter.

Take reſtiſied Oyl of Bricks ℥vij. Opopanax, Bdellium Galbanum, A. ℥iij. reduce them to a liquid form, then add Bean-flowers ℥iij. figs pulped N^o iv Camphir in powder ℥j. mix and make an Emplaſter.

Salmon.) It maturates, putri- fies, reſolves, and breaks Tu- mors, generates good fleſh, and eaſes all ſorts of pain wonder- fully.

65. *Emplaſtrum Arthriticum Me- dicorum Francoſortenſium*, A Gout Emplaſter.

Take Diachylon magnum ℥vi. Oxy- croceum, Diacalciteos A. ℥ij. Deers Marrow, Bears greaſe, A. ℥ſs. Ta- camahacca (diſſolved in wine) ℥ij. mix and make an Emplaſter, which mix with Oleum Vulpinum.

Salmon.) Spread it on a Leather, and apply it to the Part: It is ſaid to diſcuſs, reſolve, and eaſe all ſorts of Pain.

66. *Emplaſtrum de Galbano Ca- peri Peuceri*, Peucers Plaſter of Galbanum.

Take Sagapenum, Op. panax, Gal- banum, A. ℥iv. Caſtoreum in pow- der, Aſſaſetida, A. ℥ij. Motherwort in powder ℥iij. wax ℥xij. (or oyl of Wormwood q.s.) make an Emplaſter according to Art, the Gums being diſſolved in Vinegar.

Salmon.) It cures ſits of the Mo- ther, and pains, obſtructions and hardneſs of the Spleen and Sto- mach.

67. *Emplaſtrum Stomachicum Monardi*, The Stomach Emplaſter of Monardus.

Re Tz.

Take Tacamahacca ℥ij. Storax ℥j. with a little Amber and Oyl of Mastick make a Plaster.

Salmon.) It stays Vomiting, strengthens the Stomach, helps digestion, causes Appetite, and expels Wind.

68. *Emplastrum Vescatorium Myrsichti*, Myrsichus Blistering Plaster.

Take Cantharides (macerate in Vinegar) ℥j. white Ginger, long Pepper, A. ℥ss. Marjoram ℥j. mix, and with Leaven, q.s. incorporate them well together.

Salmon.) Being applied to the Nape of the Neck, and behind the Ears, it cures the most vehement pains of the Head and Teeth. The Blister being raised, cut it off, and apply upon it a Cabbage or Colewort leaf, keeping it open for a season.

69. *Emplastrum Vescatorium Schröderi*, Schröders Blistering Emplaster.

Take Cantharides (without heads or wings) ℥ss. Myrrh Mastick, Camphir, Assaferida, A. ℥ss. fresh Butter, Turpentine, A. ℥ij. Oyl of Roses ℥ss. Wax ℥j. make a Plaster.

Salmon.) The use is the same with the former: Spread it on Leather, in 10 or 12 hours it will raise a Blister.

70. *Emplastrum Hypnoticum Myrsichti*, An Emplaster causing sleep.

Take Unguentum Populeon, yellow wax, A. ℥ij. Opium extracted, oyl of Nutmegs expressed, A. ℥ss. Tacamahacca, Mastick, Juniper Gum, A. ℥j. Storax Calamita, Olibanum, Rheni, A. ℥ss. Gallia Moscata, extract of Sassafras, A. ℥j. Chymical Oyl of Rosemary ℥ss. mix and make

an Emplaster according to Art.

Salmon.) Applied to the Temples, Forehead, and Purses; it causes sweet and pleasant rest, powerfully stops Catarrhs, and eases pain: If it be applied to Women (at least hysterick persons) leave out the Gallia Moscata.

71. *Emplastrum ad Tophos Schröderi*, Schröders Emplaster against Nodes.

℞ Opodeldoch Emplaster of Crotilius; common Cinnabar, or Antimony, A. malax them together with a little Gum of Guajacum.

Salmon.) Laid to Venereal Nodes upon the shins or elsewhere; it makes them vanish.

72. *Emplastrum sticticum Myrsichti*, Myrsichus Emplaster for Punctures.

Take Cypress Turpentine ℥iv. Gum Elemi ℥ij. yellow wax, Colophony, A. ℥j. Minium levigated, Janguis Draconis, A. ℥vi. Storax Calamita, Loadstone, A. ℥iv. round Birthwort root, beyond Sea Mummy, A. ℥ij. Aloes, burnt Alum, A. ℥j. mix, and with some vulnerary Balsam make an Emplaster.

Salmon.) For Punctures of the Nerves or other parts, and fresh Wounds in any part of the Body, this has scarcely any equal; for it cleanses, consolidates, takes away corruption and proud Flesh, Heals, Skins, and draws forth Splinters, Thorns, Shot, or whatsoever may stick in the flesh; it eases pains, and cures the biting of venomous Creatures.

73. *Emplastrum Cephalicum Schröderi*, Schröders Emplaster for the Head.

Take Pine Rosin ℥ij. Labdanum, Myrrh, Mastick, ana ℥vj. Gum

Gum Tacamahacca, Galbanum, Opopanax, A. ʒi. ss. Mistle of the Tree ʒvj. male Peony seeds ʒiij. Cubebs ʒiv. Oyls of Amber and Nutmegs, A. ʒi. ss. dissolve the Gums in Vinegar, and with Turpentine ʒiij. ss. make an Emplaster.

Salmon.) It strengthens the Head, Brains, Stomach, Womb and Nerves, stays Catarrhs in the Head, is good in Apoplexies, Epilepsies, Vertigo's, Megrim's, Lethargies, &c.

74. Emplastrum Diaphoreticum, A Diaphoretick Emplaster.

Take Wax ʒxvj. Bdellium in powder ʒv. Colophony, Stone Pitch, A. ʒiv. yellow Amber ʒiij. Ammoniacum ʒij. mix and with Oyl of Eggs make an Emplaster.

Salmon.) It is used chiefly in Gouts, Sciatica's and Tumors of the Feet, easing the pain, discussing & consuming them and drawing away the humidity through the pores.

75. Emplastrum Diaphoreticum Mynsichti, Mynsicht's Diaphoretick Emplaster.

Take yellow wax ʒxj. Colophony, Bdellium, A. ʒiv. yellow Amber ʒiij. Gum Ammiacum (dissolved in Vinegar) with Turpentine, A. ʒiij. Galbanum (dissolved in Vinegar) Juniper Gum, A. ʒi. Mastich, Frankincense, A. ʒi. ss. mix and make an Emplaster.

Salmon.) It consumes, discusses, and draws forth flegm and watery humors, so much that drops will appear upon the Plaster when pulled off. It is a Specifick in the Sciatica, swellings of the Feet, the Gout, and flegmatick Tumors from the French Disease, where suppuration is

nor expected. In hard scorbutick Nodes of the Legs, and Nerves, broken Bones, pains and luxations of the Joints, falls, bruises, and the like, it is of wonderful effects.

76. Emplastrum Gummosum Paracelsi, Paracelsus his Emplaster of Gums.

ʒ Gum serapine, Bdellium, Opopanax, Galbanum, A. ʒi. dissolve them in Vinegar and strain them, to which add Mastich Frankincense, white wax, A. ʒi. ss.

Salmon.) It eases pain, dissolves Nodes, discusses Tumors, cleanses & heals Wounds and Ulcers.

77. Emplastrum Splenicum Schroderi, Schroders Emplaster for the Spleen.

Take Hemlock, roots and all ʒix. juyce of Hemlock ʒiv. Oyl of Camphers ʒxviii. oyl of Orrice ʒvi. digest all in B.M. four days, then boyl, strain, and adding in wax ʒiv. ss. Gum Ammoniack (dissolved in juyce of Hemlock) ʒi. ss. make an Emplaster.

Salmon.) It eases pain, softens, opens all Obstructions of the Spleen, and strengthens it.

78. Emplastrum Vulnerarium Hartmanni, Hartmans Vulnerary Plaster.

Take Wax ʒbi. white Rosin ʒiv Turpentine ʒi. Oyls of Toads and Scorpions, A. ʒi. liquid Storax ʒvi. juyce of Celadine ʒiv. round Birthwort ʒi. ss. Gum Ammoniack (dissolved in Vinegar and inspissated) ʒi. ss. Myrrh, Sarcocol, A. ʒi. make them into an Emplaster.

Salmon.) It cures Wounds and Ulcers, draws, cleanses and heals them.

79. Emplastrum emolliens Mynsichti, Mynsicht's softning Emplaster.

Take

Take *Oxycroceum* ℥ij. *Diachylon* simple and compound, *Emplaster of Melilot*, A. ℥j. mix and with *Oyl of Camomil* make an *Emplaster*.

Salmon.) It is *Atracive*, *Digestive*, *Emollient* and *Anodyne*: it maturatediscusses, resolves and softens the most hard and scirrhus Tumors in any part, chiefly in the *Hypochondries*, *Breſt*, *Ventricle*, *Liver* and *Spleen*, and gives ease in the most vehement pain.

80. *Emplaſtrum Scirrhorum*, An *Emplaster* against a *Scirrhus*.

Take *Gum Caranna*, *Tacamahac*, A. ℥j. *Ammoniacum*, *Galbanum*, A. ℥ij. dissolve in *Vinegar* and strain; then add *Oyl of Lillies* ℔ss: *Badgers greaſe* ℥j. mix and put to them native *Cinnaber* or *Aquila alba* dulcified ℥ij. with powders of *Litharge* ℥ij. roots of black *Hellebor* and *Bryony*, A. ℥ij. make an *Emplaster*.

Salmon.) The Title shews the intention, it being an excellent thing to mature or ripen all malign and rebellious Tumors or *Apoſtemes*, if in parts for supuration, otherwise it dissolves them.

81. *Emplaſtrum Arthriticum* Maxij, An *Emplaster* for the *Gout*.

Take *oyl of Poppies* ℔ij. *wax* ℔j. *Venice Soap* ℥viij. *Turpentine*, inſpiſſate *jayce* of *Henbane* and *Nightshade*, *Opium*, red lead, A. ℥vi. *Henbane seeds* in fine powder ℥iv. dissolve the *juyces* and *Opium* in *Vinegar* ℔ij. in which boyl first the red Lead, then put in the *oyl*, after the *wax* and *Soap* cut small; lastly, the *Turpentine*, then boyl again to a just consistency.

Salmon.) It is a great *Anodyne*; there are not many better things a-

gainſt the *Gout*, pains of the *Joints*, or other vehement dolors yet known.

82. *Emplaſtrum Magneticum* Hartmanni, A *Magnetic* *Emplaster*.

Take *Gum Serapine*, *Ammoniac*, *Galbanum*, A. ℥ij. dissolve them in *Vinegar*. strain and inſpiſſate; then take *Turpentine*, *wax*, A. ℥ss. melt and take them from the fire, with which mix well the *Gums*; then add *oyl of Amber* ℥ij. *Loadstone*, or *Arſenical Magnet* (in lib. 4. cap. 11. ſect. 54) ℥ij. *Vitriol* ℥i. make an *Emplaster*, which maſſax with *oyl of Scorpions*.

Salmon.) this being applied to *Pestilential Carbuncles*, or *Plague ſores*, quickly breaks them, draws the *Poyſon* and *Venom* from the bottom like a *Loadstone*, and suffers not an open *Ulcer* to close before all the *Malignity* be drawn forth.

83 *Emplaſtrum ad Tophos*, ex Aug. An *Emplaster* against *Nodes*.

Take *Ship Pitch*, *Colopony*, A. ℥ij. *Mucilage* of *Althea* roots, ℥iſſ. *Galbanum*, *Maſſich*, *Myrrh*, *Frankincenſe*, *Ammoniacum*, A. ℥ss. *Virgin wax*, *miſteto* of the *Oak*, round *Birchwort*, burnt braſs, *wax*, *Turpentine*, A. ℥ij. mix and make an *Emplaster* S. A.

Salmon.) In Tumors and *Nodes* arising from the *French Diſeaſe* or *Kings Evil*, it is wonderful.

84. *Emplaſtrum ad Herniam Schroderi*, *Schroders* *Plaster* against *Ruptures*.

Take *Snake skins*, new pulled off; wash them in *Lime water*, then boyl them in *Lixivium* of *Tartar*, till they are thick as *glear*, which pour out upon a *Marble*, draining it;

2: 5 of this Grew take Ziv , Blood-stone, sugar of Lead, Tin burnt, A . Ziii , Ammoniacum (dissolved in Vinegar) and mixt with Oyl of Myrtles Ziii , mix them upon warm Ashes or Embers till they become an Emplaster.

Salmon.) This is so conglutinate, that it heals all Ruprures (the Hydrocele or watery Ruprures excepted) although the Piritionæum be extreemly broken, so that there is scarcely its equal; apply it spread upon Leather, with a gentle Rowler upon it, and a convenient Diet.

85. *Emplastrum Sticticum Crollii*, Crollius his Stictick Emplaster.

\mathcal{R} red Lead, *Lapis Calaminaris*, A . Ibss . Litharge of gold and silver, A . Ziii , Oyl Olive, and of Linseed, A . Ibss . of Bays Ibss , wax, Colophony, A . Ibj . Varnish, Turpentine, A . Ibss . Opopanax, Galbanum, Serapine, Ammoniacum, Bdellium, (dissolved in Vinegar, strained and inspissated) A . Ziii , yellow Amber, Olibanum, Myrrh, Aloes, Birthwort long and round, A . Zi , Mummy, Loadstone, Coral white and red, Mother of Pearl, sanguis Draconis, Earth of Strigo, white Vitriol, A . Zj , Flowers of Antimony, Crocus Martis, A . Zii , Camphir Zj , mix the Litharges with the Oyls of Linseeds and Olives, boiling and stirring them till the Oyl is coloured, so then put in the Calaminaris, after that the Minium, boyl them two hours, till dropt upon a stone it will be stiff; then put in the Varnish, Oyl of Bays, Wax and Colophony, to which add by degrees the Gums dissolved: stir all diligently at a gentle fire (but let it not boyl) putting

in the ponders; last of all the Camphir dissolved in Oyl of Juniper. If it be too hard put in more wax and Turpentine, if when cold, it sticks to the fingers, or is soft, it is not boyled enough; being sufficiently boyled put it into cold water, and malax it 3 or 4 hours in your hands, anointed with oyls of Camemil, Roses, Juniper, Earth-worms, and Hypericon.

Salmon.) The Virtues are the same with the former Sticticum at Sect. 50. but this is much the better.

86. *Emplastrum de Pice Mynsichti*, Mynsichti Emplaster of Pitch.

\mathcal{R} Ship Pitch Iij . yellow wax Ziv , Turpentine Zii , yellow Amber Ziss . Frankincense Zj , clarified Honey, liquid Varnish, two spoonfuls, mix, and make an Emplaster.

Salmon.) The Virtues are the same with Emp. Diaphoreticum, at Sect. 75.

87. *Emplastrum Oppodeldoch wurtzii*, Wurtz his Oppodeldoch Emplaster.

\mathcal{R} Virgin wax Ibii . Turpentine Ibi . Oyl Zix , melt and add juices of Celandine, of Lady-mantle, of Paule Betony, A . Ziss . boyl them till the moisture be consumed, and add Gum Ammoniacum, Galbanum, Opopanax (dissolved in Vinegar, strained, and inspissated) A . Zvi , Colophony Ziss . Amber Zss . Mastich, Myrrh, Olibanum, Sarcacol, A . Ziii , to all which well mixed and a little cooled, add Bloodstone prepared Zss . Crocus Martis Zii , Copper Zj , Tutty prepared Ziii , Lapis Calaminaris, Zx . and lesly Vitriol, so much as will make a purple colour.

Salmon.) The Virtues are the same with Sticticum, at Sect. 50. aforesaid,

38. *Emplastrum Oppodeldoch Paracelsi*, Paracelsus his Oppodeldoch Plaster.

Take Galbanum Opopanax, *A.* ℥iii, Ammonsacum, Baelium, *A.* ℥j, digest them in Spirit of Vinegar eight days, strain, and inspissate to the consistence of Honey, to which add Litharge in powder ℔.ss. Oyl ℔.jss. boyl them at a gentle fire, continually stirring till it is of a purple colour; then add Wax ℔.j. which melted, put in the dissolved Gums and Oyl of Bays ℥iii. stir till all are well mixed, remove them from the fire, and add Crocus Martis, Mummy, prepared Loadstone, Magistery of white and red Coral, *A.* ℥ss. Lapis Calaminaris, prepared Myrrh, Olibanum, Mastich, round Birthwort, *A.* ℥ii. being well mixed, take Oyl of Amber (some have it Balsam of Amber) ℥j, Oyl of Bays ℥j, Turpentine ℥ss. melt, and dissolve therein Camphir ℥ii, Saffron ℥ss. mix these with the hot Emplaster; and lastly, malax it with Oyl of Hypericon.

Salmon.) It cures all Wounds, whether Cuts or Stabs without Maturation; and in Ulcers it hinders proud flesh, only breeding so much as is fit, curing them with a great deal of ease if first cleansed. In a word, its an excellent thing against all Aches, Pains, Sprains, Bruises and weakness of any Member, having all the Virtues of *Sticticum*, at Sect. 50. foregoing,

and much the better Medicine to boot.

89. *Emplastrum Penotti*, Penottus his Emplaster.

℞ Tar, ℔ii. Butter not salted ℔j. the best Honey ℥vi, Turpentine ℥iii, Sheeps Suet ℥iv, Resin ℥iiss, being melted, sprinkle in, in powder Aloes ℥iii, Alum, Sulphur, *A.* ℥iiss. Frankincense ℥ii. Mastick, Calx vive, *A.* ℥iiss. white Vitriol ℥ii, Sassafras ℥j, mix, and make an Emplaster.

Salmon.) It cures old Sores, stubborn and rebellious Ulcers, sinous Fistula's, &c.

90. *Emplaster Ischiadicum*; ex Aug. an Emplaster for the Sciatica.

℞ Galbanum, Sagapenum, Castoreum, *A.* ℥j, Euphorbium ℥j, Squills ℥ii, seeds of Flax, Onions, and Rocket, *A.* ℥ii, sharp Leaven, Linseed Oyl ana q. s. mix, and incorporate them well together, then add Pigeons Dung, ℥iii, mix, and make an Emplaster.

Salmon.) It is commended to stay humors which distill from the Head, Brain, and Superior parts to the Hips and more inferior parts. It dries, or attracts and discusses from the very profundity of any part, taking away Tumors, and easing Pains, chiefly of the Sciatica.

There are several other Emplasters, all which with their Compositions, Preparations, Virtues and Uses, you may see in our Doron Medicum, lib. 3. cap. 6.

CHAP. VII.

Of CATAPLASMS.

1. *Cataplasma de fermento*, A Pulvis made of Leven.

℞ Old Leven ʒiſs: yellow Amber ʒiiij: Nutmegs, Cubebs, A. ʒſs: Mint, Cloves, A. ʒj: Caſtor, Xyloloos. A. ʒſs: mix, and with a little S. V. and wine Vinegar make a Pulvis.

Salmon.) Being applied to the Crown of the Head, warm and often repeated: it helps the Pally of the Tongue, giving it motion and Speech: it also dries up Catarrhs.

2. *Cataplasma Antifebrile Schroderi*, Schroders Pulvis against Feavers.

℞ Great Nettles, Nightshade, Houſleek, A. M. j: Spiders Webs ʒii: with Salt make a Pulvis, adding a little Vinegar of Rue.

Salmon.) *Petrus Hispanus* ſaith, being applied to the Pulſes, it cures Feavers.

3. *Cataplasma febrile Mynſichti*, Mynſichts Feaver Pulvis.

℞ powder of Toads, common Salt melted, A. ʒj: Spiders Webs, Nutmegs, Olibanum, A. ʒii: Wormwood, Shepherds Purſe, ſmall ſtinging Nettles, Rue, A. M. j: with Turpentine a ſufficient quantity, make a Pulvis.

Salmon.) This (as alſo the former) being put upon Linnen or Leather, and applied to the Pulſes of both hands, two hours before the coming of the Fit, it wonderfully abates the Fit, and cures a baſtard Terrian.

4. *Cataplasma Scorbuticum Mynſichti*, A Pulvis againſt the Scurvy.

℞ Rye Meal ʒſs: Barley Meal, Bean Meal, A. ʒiiij: Meal of Lupins and Lentils, A. ʒſs: Caſtile Soap ʒii: Flowers of Chamomel and Hollibocks, A. ʒj: Litbarge of Silver, fine Bole, A. ʒſs: Roots of China, Rhubarb, A. ʒiiij: Jews Ears N^o viij: boyl all in juyce of Dwarf Elder to the due conſiſtence of a Pulvis.

Salmon.) It is profitable being applied to Scorbutick Tumors in the Legs and Feet, warm at night going to bed, repeating it every night, till the ſwellings vaniſh: It alſo comforts and ſtrengthens the part afflicted.

5. *Cataplasma de Cineribus Mynſichti*, A Lixivate Pulvis.

℞ Aſhes of Hermodactils, of Aſphodel, bean ſtalks, Elder branches, of the Fig-tree, of Vine branches, of

of Dwarf Elder, ana q. s. make a Lixivium with Rhenish wine: of which take this: leavened Bread q. s. boyl them to a thickness: then add wine Vinegar this: Lapis Medicamentosus this. Pouders of Cummin seeds, Bay-berries and Cloves. A. this: mix and make a Pultise by gentle boyling.

Salmon.) Being laid upon Cloth and applied, it evacuates Water and Hydropical Humors.

6. Cataplasma de Nido-Hirundinis Myrsichti. A Pultise of a Swallows Nest.

Re a Swallows Nest: Album Græcum this, Roots of Althea, white Lillies, A. this: Figs, Dates, A. No iii: boyl them in water to the form of a Pultise: after add Oyl of Violets this: Camomil flowers, Meal of Fanugreek seed, Linseed, Wheat, A. this: Cats brains this: powder of an Owl burnt, of Swallows burnt, A. this: Yolks of Eggs No j: Saffron this: make a Pultise.

Salmon.) Being often applied hot to the Neck, it cures a desperate Quinsy.

7. Cataplasma Fabritii, Fabritius his Pultise.

Re Barly meal this: Powder of Roses, of Myrtles, A. this: Balsamians, Cypress nuts, A. this: and with Rose and Plantane water, with a little Vinegar, and the yolk of an Egg, make a Pultise.

Salmon.) Applied warm twice a day, cools Inflammations, and strengthens weak and feeble Limbs.

8. Cataplasma Antifebrile Norstrum. Our Pultise against Fevers.

Re Tobacco cut this: Salt, Pepper. A. this: Yolks of Eggs, No 1. make a Pultise by beating em well together.

If you apply it to both wrists about three hours before the fit, and repeat it when it is dry: It will cure any sort of Ague.

9. Cataplasma Laxativum Schroderi, A Laxative Pultise.

Re fresh Bryony roots rasped, Honey A. this: Ox Gall this: mix and make a Pultise.

Salmon.) Laid to the Belly of children at night, it kills and expels Worms, and purges gently.

10. Cataplasma Laxativum pro Adultis, A Laxative Pultise for Men.

Re juyce of wild Cucumbers, Sow-bread, A. this: milk of Spurge, of Tithymal, A. this: powder of Hierac Picra this: pouders of Colocynthis, of Hellebor both sorts A. this: Cassia new drawn this: mix and make a Pultise.

Salmon.) It purges Flegm and watery Humors, If laid to the Belly from the Navel downwards.

11. Cataplasma Resolutorium Foresti, A dissolving Pultise.

Re Flowers of Camomil, of Stachas, Seeds of Wormwood, Rue, Coleworts, Sage, Savin, A. M. j. boyl them in a Lixivium of Oak or Elder ashes, or ashes of Bryony roots then stamp them and add Alum, Sulphur, Galls, Cypress, Salt, A. this: Aloes, Bay-berries. Pyrethrum, Cabage-seeds, A. this: and with fresh Pigeons and Goats dung make a Pultise.

Salmon.) It Discusses hard tumors, resolves thick humors, and Diseases which proceed from thence

thence as Varices, Elephantiasis, Scurf, Morpew, Scabs, &c.

12. *Cataplasma Rondeletij*, Rondeletius his Pultise.

Take Barley-meal \mathfrak{z} vj. flowers of Melilot, Camomil, Roses, A. P. ss. Seeds of Coriander, all the sorts of Sanders, A. \mathfrak{z} iii. Spicknard \mathfrak{z} ls. Oyl of Roses \mathfrak{z} iii. Oyl of Camomil, Wax, A. \mathfrak{z} j. mix and make a Cataplasme, S. A.

Salmon.) Applied to the Stomach, it helps Inflammations thereof, and strengthens it.

13. *Anacollema Schroderi*, A Pultise for the Fore-head.

Take Mastic, Frankincense, Myrrh, A. \mathfrak{z} ls. Bole, powder of Bricks A. \mathfrak{z} ss. Saffron \mathfrak{z} j. with the white of an Egg, Oyl of Roses, and a little Vinegar make a frontal Pultise. Or thus, Take burnt Tartar, Bran, Bole, A. \mathfrak{z} ss. juyces of Aca-cia, Hypocistis, A. \mathfrak{z} j. with the white of an Egg, and a little Vinegar, make a frontal Pultise.

Salmon.) Anacollemata, are Cataplasms for the Fore-head

made of Astringent things to stop defluxions and bleeding: of which kind these here are excellent to be applied for sore and Rhumatick Eyes.

14. *Cataplasma contra crurum*, A Pultise against bleeding.

Take fine Bole \mathfrak{z} iii. Chalk, Sles dried, A. \mathfrak{z} j: powder them fine, and boyl them with Vinegar, then add powder of Comfrey roots, and Oat-meal, enough to make a Pultise, putting in a little Oyl of Myrtles.

Salmon.) Applied, it stops bleeding in any part: it also dissolves and dryes up blood gathered by a fall or bruise.

15. *Vescatorium Schroderi*, & Schroder's Blistering Pultise.

Take Cantharides (the Wings and Heads cut off) N^o xxx. strong Leaven \mathfrak{z} j. moisten them with Vinegar.

Salmon.) Being applied upon Cloth or Leather it draws Blisters according to the Magnitude of the Cataplasme: you may let it lye twelve hours or more.

CHAP. VIII.

Of CLYSTERS.

1. *Clyster ad strangulationem Uteri*, A Clyster against the strangulation of the Womb.

Take Mugwort, Centory the less, Marjoram, Penny royal, A. M. ss. make a decoction, which strain; of which take \mathfrak{z} ss. Hiera Picchij \mathfrak{z} ss. Oyl of Rue \mathfrak{z} iv. Clari-

fied Honey \mathfrak{z} ii. common Salt \mathfrak{z} j. mix them.

Salmon.) Besides the Titular Invention, it expels Wind, and eases the Cholick. A Clyster is a Liquor or Decoction of Medicinal things conveyed into the Guts by a Pipe: the Liquor is

made

made of Various things according to the intention; as, of Plants, Seeds, Grain, Flesh, &c. boyled in Water, Ale, Beer, Wine, Milk, Whey, Urine, Oyl, &c. which Decoction is impregnated with such properties as may suit the occasion, as Alterative, Anodyne, Carminative, Hysterick, Lithontriprick, Hypnotick, Astringent, Cleansing, Emollient, Solutive, and Purg'g. *Mollying Clysters* are made with Oyl, five, six or seven Ounces at a time, joyned with other Emollient Ingredients. *Purg'g Clysters* are more Common, in which you may double or treble the Dose (which you give by the mouth) of the purging Simples, which are commonly, Powders, Electuaries or Extracts. To a child you may give *ab* ℥iii. *ad* vj. to a man *ab* ℥xii. *ad* xvj. or xviii. some also add a considerable quantity of Salt or Sal Gem, viz. to ℥j. but a ℥j. *ad* ii. or iii. is enough. There are also *Clysters for the Womb*, (which are cast in with a proper Syringe) made of Artificial Waters, Decoctions, Juyces, &c. mixt with other things proper against the Distempers, of which in their place.

2. *Clyster ad Lumbricos Herculis Saxonie*, A Clyster for the Worms. By both Centorys, A. M. ss. Southernwood, white Dittany, and Dittany of Eriet, Scordium, Bistort, Tormen-til, Wormwood, ana M. j. Cabbage seed, Wormseed, ana ℥j. Coloquintida ℥iii. make a Decoction S. A. strain, and take thereof ℔bj; Hiera Diacolocynthidos ℥ii. Honey of Roses ℥iii. mix them.

Salmon.) It is infallible to the

Intention, being three or four times repeated.

3: *Enema Specificum Myschicti*, A Specifick Clyster.

Take Roots of Polyody ℥ij. bark of Indian Myrobalans ℥j. Fumitory, Hypericon, Marjoram, Dodder, Hops, Stachas, A. ℥ss. black Hellebor ℥ii. boyl and strain, of which take ℔bj. Oyl of Camomil ℥iii. Tartar Vitriolate, Sal Gem, A. ℥iiss. mix them.

Salmon.) It is a Specifick in the cure of Melancholy, Sadness, Sorrow, Loss of Sense, Quartans, Scabs, Ring-worms, Morpew, Cancers, Elephantiasis, Scirrhus of the Spleen, and against all Disease proceeding from Melancholy.

4. *Enema in Epilepsia Myschicti*, A Clyster against the Falling-sickness.

Take Carthamus seeds ℥j. Agrick ℥ss. Pulp of Coloquintida ℥iii. Centory the less, Lavender, Marjoram, Hyssop, Betony, Rue, A. ℥ij. Castoreum, flowers of Lyllys of the Valley, of Rosemary, ana ℥iiss. boyl and strain, of which take ℔bj. Oyl of Camomil ℥iiij. Honey of Roses ℥iiij. Cremor Tartar, Sal Gem, A. ℥j. mix them.

Salmon.) It is also good against the Apoplexy, Megrim, Lethargy, Convulsions, &c.

5. *Enema ad Iliacam passionem Myschicti*, A Clyster for the Illiack Passion.

Take Roots of Mallows and Marsh Mallows with the whole plant, A. ℥iiss. Barly bullet ℥j. flowers of Camomil, Elder, A. ℥ss. boyl and strain, of which take ℔bj. Oyl of Linseed ℥iii. Cassia extracted ℥j. Aloes ℥ss. Niter ℥iiss. mix them.

Salmon.

Salmon.) It also expels Wind, loosens the Bowels, and eases the Chollick.

6. *Enema Carminativum*, *Mynsichti*, A Clyster expelling Wind.

Take Zedoary, Juniper-berries, *A. ʒj.* Roman Camomil, Dill, Fennel, herb Mercuri, Chervil, *A. ʒss.* seeds of Agnus Castus, of Caraways, Cummin, Anise, Bishops weed, *A. ʒiiij.* Pulp of Coloquintida *ʒjss.* boyl and strain; of which take *℥j.* Oyl of Rue *ʒiiij.* Electuary of Bay-berries *ʒj.* Cassia extracted *ʒss.* Sale *ʒij.* Casoreum *ʒj.* mix them.

Salmon.) It is Anodyne, expels Wind, and helps all manner of Gripping in the Guts.

7. *Enema Anodynum Mynsichti*, A Clyster easing pain.

Take roots of white Lillys, of Althea, Liquorice, *A. ʒj.* Camomil, Melilot, Mallows, Violets, *A. ʒss.* seeds of Fennugreek, Line, Quinces, *A. ʒiiij.* Barks of Mandrakes, Corn Poppystowers, *A. ʒjss.* boyl and strain, of which take *℥j.* fresh Butter *ʒiiij.* Yolk of Eggs, *Nºj.* Extract of Saffron *ʒss.* mix them for a Clyster.

Salmon.) It eases all manner of pains in the Stomach, Sides, Bowels, Spleen, Reins, or Bladder, and gives rest: stops fluxes and cools inflammations of the Bowels.

8. *Enema Ripticum*, A restraining Clyster.

Take Oyl of Hypericon *ʒvj.* Honey of Roses, Goats suet, new wax, *ʒ. ʒiiij.* mix them.

Salmon.) It is reported to heal bloody Flix, and stops all Fluxes of the Bowels.

9. *Enema ad Lienteriam*, *Mynsichti*, A Clyster against a Flux of Matter.

Take Roots of Mullen, Dragons, Tormentil, *A. ʒj.* leaves of Tarrow, Hypericon, Madder, *A. ʒss.* Cypress nuts, Myrtle berries, *A. ʒii.* boyl and strain, to *℥j.* of which add Honey of Roses *ʒj.* Hypocistis, Acacia, *A. ʒii.* Laudanum *ʒj.* mix them.

Salmon.) It is an excellent thing not only against a Lientery, but stops a Diarrhoea or Looseness to a wonder, being given after an Astringent Purge.

10. *Enema dolores Dysentericos sedans*, *Mynsichti*, A Clyster giving ease in a bloody Flix.

Take Cows milk *℥ss.* Oyl of Violets, *ʒiiij.* Deers marrow *ʒj.* white starch *ʒss.* Tragacanth *ʒj.* juyce of Boxthorn or Sloes *ʒj.* mix them.

Salmon.) It is anodyne, comforting, digestive and healing.

11. *Enema ad dolores Dysentericos Mynsichti*, A Clyster for Dysenterick pains.

Take Poppy water, Milk *A. ℥ss.* Oyl of Roses *ʒiiij.* Juyce of Plantane *ʒii.* sugar *ʒj.* Deers suet *ʒss.* Philonium Persicum *ʒj.* mix them.

Salmon.) It eases the pain, softens the parts, digests, heals and binds:

12. *Enema in calculo Renum & Vesicae*, A Clyster against the Stone.

Take Poppy water *℥j.* Oyl of Scorpions of Millepedes, of Camomil, and of bitter Almonds, *A. ʒjss.* salt of Tartar, juyce of Liquorice, Laudanum, sal prunella, Oyl of Turpentine, sal Gem, *A. ʒjss.* Honey *ʒii.* mix and make a Clyster.

Salmon.) It is the most Sovereign of all things against the Stone, which are given by Clyster.

13. *Enema ad Ascarides Mynsichti*,
Fif 2

ſchti, A Clyſter againſt Worms.

℞ round Birchwort roots, Gen-
tian, *A. ℥j.* Wormwood, Southern-
wood, Carduus, *A. ℥ls.* Peach flow-
ers, tops of Centory the leſſ, Hore-
hound, *A. ℥ij.* boyl and ſtrain, to
℔j. of which add Lixivium of Tar-
tar *℥iv.*

Salmon.) Caſt it into the Bow-
els by degrees, at leaſt twice in an
hour.

14. *Enema emolliens Schroderi*,
Schroder's emollient Clyſter.

℞ of the emollient Herbs *A. M. j.*
roots of Althea *℥j.* Camomil flowers
Mls. Figs Nov. one yolk of an Egg;
boyl them in water to a pint; ſtrain
and add Caſſia *℥vj.* Benedicta La-
xativa *℥j.* Oyl of Camomil *℥iii.* Sal
Gem *℥j.* brown Sugar *℥j.* mix and
make a Clyſter.

Salmon.) It looſens and molli-
fies the Bowels, evacuates their
ſlime and filth, and cleaſes them
from wind and water, Oyl Olive,
or oyl of Roſes may be given in
the ſame caſe to ℔j. they obtund
ſharp humors, mitigate pain and
allay heat.

15. *Enema Hydragogum*, A Cly-
ſter purging water.

℞ Urine lb. j. ſalt of Tartar *℥j.*
mix them for a Clyſter.

Salmon.) It purges watery and
ſlegmatick humors, and expels
the Dropſic.

An Appendix.

Concerning Injections, Suppoſitories
and Piſſaries.

I. OF INJECTIONS.

16. *Injeſtus ad fluxus Uteri*, An
Injection to ſtop the Terms.

℞ Decoction of Horſbail and Tor-
mentil, *A. ℥iii.* Oyl of Myrtils, *℥ls.*
Troches of Spodium *℥j.* white Vitriol
℥j. diſſolve and make an Injection.

Salmon.) It ought to be inject-
ed with a Syringe proper to that
part, and the Operation to be
done three or four times a day for
ſome days. This Injection ſtops
alſo the flux of the Whites, if uſed
as aforeſaid for ten or twelve days
together.

17. *Injeſtus ad Menſium ſuppreſ-
ſionem*, An Injection to provoke
the Terms.

Take clarified juyce of Mercury,
juyce of Eryngo, juyce of ſow-bread,
A. ℥iii. powder of Myrrh, extract
of Saſſon, *A. ℥ii.* ſaccula of Bryony
℥j. mix them.

Salmon.) Being injected (after
due purging) three or four times
a day, for 4, 5, or 6. days; before
the time of their flowing, it pow-
erfully provokes them.

18. *Injeſtus Uterinus*, An In-
jection to cleaſe and heal the
Womb.

℞ Mead *℥ivls.* Honey *℥ii.* white
Vitriol *℥j.* mix and diſſolve.

Salmon.) It cleaſes the Womb
of all Impurities, heals and dries
putrid and running Ulcers there
(or in the Privy parts) and ſtops
the Whites after due purging.
Uſe it four or five times a day
for twenty days together or
more.

II. OF SUPPOSITORIES.

19. *Suppoſitoria Dyſenterica Anodyna Mynſchti*, A Suppoſitory
eaſing Pain and bloody Flix.

℞ boyled Honey *℥iij.* white Hen-
bane ſeeds, black Poppy ſeed, *A. ℥iſs.*

Thebias

Thebian Opium, Balaustians, Spodium, Olibanum, A. ʒi. Corn Poppy flowers, Saffron, A. ʒi. mix them, and make a Suppository.

Salmon.) Being put up the Fundament, it gives ease in the most intollerable pains of the bloody flux, adds rest, and inclines to sleep.

20. Suppositoria Stiptica Mynsichti, The Stiptick Suppository.

Take Hypocistis ʒi. Turkish Galls, Acacia, A. ʒss. Pomegranate Peels ʒiiij. roots of Althæa, Liquorice, A. ʒi. burnt Harts-horn, Crocus Martii, Dragons blood, A. ʒss. mix them, and with the white of an Egg and juice of Plantain make a Suppository.

Salmon.) By its Stiptick property, it cures fluxes of the Bowels and bloody flux.

21. Suppositoria Anodyna Mynsichti, A Suppository easing pain.

Be seeds of Cummin and Rue, A. ʒij. Mummy, Thebian Opium, A. ʒi. Corn Poppy flowers, Saffron, A. ʒi. Storax Calamita, Castoreum, A. ʒss. with Honey make a Suppository.

Salmon.) It expels wind, gives ease in the Cholick and Stone; and all other pains in the Bowels and parts adjacent, strengthens the Body, adding rest and sleep.

22. Suppositoria Cephalica Mynsichti, A Cephalick Suppository.

Take Trochis Albandal, Agarick Trochiscated, A. ʒi. black Heliebor, Sena, A. ʒss. sal Gem, sal Niter, A. ʒi. with honey a sufficient quantity make a Suppository.

Salmon.) It purges the Head, and is prevalent against Epilepsies, Apoplexies, Vertigo's, Megrim's, Congelations, Foolishness, Melancholy, Subeth, Carus, &c.

23. Suppositoria secca Mynsichti, Mynsichti's drying Suppository.

Take wheat meal ʒiv. Salt ʒjss. Seeds of Coloquintida ʒi. Hermodactyls, white Heliebor, Esula the less prepared, A. ʒss. Mallow roots, white Tartar, A. ʒij. Opopanax, Sagapenum; A. ʒi. mix, and with the yolk of an Egg make a Suppository.

Salmon.) It purges and expels watery and Hydropick humors.

24. Suppositoria Carminativa Mynsichti, A suppository expelling wind.

Be Orange peels, Camomil flowers A. ʒjss. seeds of Cummin, Carraways, Hartwort, Bishops weed, Agnus Castus, Chervil, Rue, A. ʒi. Coloquintida, Salt, A. ʒi. with Honey a sufficient quantity make a suppository.

Salmon.) It expels Wind, eases pain, gives present help in the Cholick, provokes to stool, kills Worms, and expels cholerick and flegmatick humors.

III. Of PESSARIES:

25. Pessus Uterinus Mynsichti, A pessary for the Womb.

Be Orriceroot, red Roses, A. ʒiiij. Storax Calamita, Benjamin, A. ʒjss. Cloves, Indian Spicknard, Gallia Moschata, A. ʒi. mix, and make a Pessary.

Salmon.) It is powerful against Fits of the Mother, and falling out of the Womb.

26. Pessus Aperiens Mynsichti, An opening Pessary.

Be Roots of red Mugwort, white Dittany, Asarabacca, white Heliebor, Maddar, A. ʒij. Scammony, Marjoram, Savin, Saffron, A. ʒi. Bay-Berries baked, Myrrh, Castore-

um, Sagapenum, Aloes, A. ʒij. seeds of *Staves acre*, *Nigella*, *Cresses*, Rue A. ʒls. Incorporate all these with juice of *Mugwort*, or *Turpentine*, and make a Pessary as long as the middle finger and as thick as the thumb: inter incorporandum ad medium longitudinis involatur filum, cujus extremitas maneat excedat ad palmam unam ad extrahendum; you may also make it up in a Bag.

Salmon.) It opens the Womb, and strongly forces down the Courses.

27. Pessus adstringens Mynsich-

ti, Mynsichts Astringent Pessary.

Be fine flower ʒls. Roots of *Tormentil* and *Bistort*, A. ʒij. *Asses of Frogs*, *Crocus Martis*, *Turkish Galls*, *Dragons Blood*, fine *Bole Hart's-horn burnt*, A. ʒi. Red roses, *Hypocistis*, *Acacia*, *Balaustians*, *Olibanum*, *Mastich*, A. ʒls. mix and with juice of *Plantain*, and the white of an Egg make a Pessary.

Salmon.) Being put up the Womb, it stops the flux of the Terms and the Whites.

Libri 5ti FINIS.

The General Practise of Chymistry.

Liber Sextus.

CHAP. I. OF PRINCIPLES.

Xημις ἢ Χυμια (α Χω fun-
do to melt.) The Art of
CHYMISTRY, call'd also in Greek
Παγογονδι Εἰσημιμα, seu Medi-
cina Spagyrica, is that which
teacheth to draw out the very es-
sence and life of things by the
force of fire, bringing forth Tin-
tures by extracting; Spirit and
Oyls by distilling; Flowers by Sub-
liming; and Salt by Calcining.
Doron Medic. lib. 3. cap. 1.

Or, more briefly thus: It is
that which teaches to separate

the purities of all things what-
soever (in the Mineral, Vegeta-
ble, or Animal Kingdoms) from
their Impurities and to exalt
those purities, to their highest
vital Energies.

2. The Principles of Chymistry
are considered either Essentially or
Accidentally.

3. The Essential or Constitutive
principles are chiefly three, viz.
Body, Spirit, Life.

We call those Essential which
are only understood in a Super-
natural

natural Condition: for there are bodies supernatural as well as natural, so also spirits and life; in so much that those which do appear are only the Icon or product of those more divine Principles, not seen but by a Philosophick eye or mind.

4. *The Body is a Principle fitted for the reception of the Spirit; without which it would be inactive or dead; and in this sense it is the Containing Principle.*

5. *The Spirit is the formal Principle of every thing, being the Source of Actions, and of the Vital or Living principle.*

6. *The Life is fire, or heat, which actuates and invigorates the former two, and without which they would be a mass of Deadness, insensibility and inanity.*

This life proceeds from God the Author thereof, who is a perfect Act, Power, Fire, Life, placed in and through all his Creatures, in whom they all subsist, have being, life and motion, not tyed strictly to any particular Form, Act, or Intention, but in the largest and most comprehensive sense piercing through and comprehending all things, even where it is least seen. These things in the Creation are so closely united, that before separation, they are difficult to be distinguished: yet the true Philosopher may easily make a demonstration from external matters: suppose the flame of a Candle, There is 1. The Body of the flame which is Light. 2. There is the spirit which informs it, and gives it motion. 3. There is the most inward Life, Fire or Heat, which makes the Spirit, and the

Body also move, and preserves it in that form and Agitation; which third and last Principle, as it is most inward so is most difficult to be discern'd, unless by an inward and spiritual Eye: The perfect union of these make them appear to be truly and indeed but one, according to the Nature of the Divine Triade, and is as it were a Demonstration of the same. These things may seem strange to such as are unacquainted with the Powers of things, inward Principles, and unseen seeds of the production of visible Agents. But he that will not believe may keep his Opinion; his apprehending or non-apprehending is not much material as to the matter of Physick, the Knowledge or Ignorance thereof may be without loss of Health: It being in this as in many other Controversies (whether Philosophick or Divine) not destructive to the Fundamental Principles of the Science discoursed of, & therefore need not be so violently maintained (in opposition to the Laws both of God and Man) to the Destruction of mutual Friendship and Society. Hitherto of the Essential Principles; the Accidental follow.

7. *The Accidental Principles are the product of the Essential, by which they are produced into external Form and Act.*

8. *These have also answerable to the former, a Body, Spirit and Life, but natural, as opposed to supernatural not artificial.*

9. *The Body is the matter or the Atoms which forms the external*

F f f 4 Appearance,

Appearance, and comprehensive bounds of the Spirit and Life.

10. *The Spirit is the band of Union which ties or glews those particles together, and which also becomes the habitation of Life.*

11. *The life is the internal power, Virtue and Efficacy spread by means of the Spirit, through every individual Atom of the Body, whereby the three become one Compact, compleat and intire thing perfectly united.*

12. *These Principles spread themselves under several species or kinds, viz. Mineral, Vegetable and Animal.*

In all which the Spirit and Life are apparent according to their kind. In *Animals*, Life is manifest from Sense and Motion, and by consequence the Spirit which is the Organ of Habitation of the Life: In the *Vegetable*, the Spirit is apparent from the manifest growth of things, the which would be impossible if not actuated with Life; Growth being nothing but a motion of Extention, whereby the Life enlarges its dominion. In the *Mineral*, the Body gives demonstration of the other two, since that the particles or Atoms of the Body would not be glew'd or held together, but only by virtue of the Spirit which invisibly (like water penetrates the most indivisible Atoms of the same body, nor could the Spirit glew or joyn (as we have before proved) unlets repeat with life, so that it is apparent, that under all Forms Spirit and Life have their *habitacula*, to the com-

pleating of that which the Designer of all things first intended.

13. *These Three Principles are called by Chymists, Salt, Sulphur and Mercury; the Salt being answerable to the Corporeal or Earthy body; the Sulphur to the Spirit; and the Mercury to the internal Life and Efficacy.*

Later Chymists would make five Principles, but they are deceived: for their *Flegm*, and *Caput Mort.* or *Terra Damnata*, are no real and distinct Principles from the former; as we are going to prove. In the *Terrene* part, the Salt is (as it were) invisible, and cannot be brought outward, or to the external view, but by the force of fire, which is done by Calcination and Elixivation, what remains is accounted an unprofitable Earth: 'tis true, and so it is, and so once was the former pure Salt: the same Methods and Means which made the one pure, will make the other so too: 'twas the Fire which made the first Salt to be Alcalious; and the Fire will make that latter unprofitable earth so too, if it has but its due time and proportion of heat in Calcination: In burning of a Timber-Log, the out-side is first brought to Ashes, then the inside or heart of it; the fire acts by degrees; the heart of it might as soon have been burnt as the out-side, had it been but as soon comprehended by the fire: so is it in all other things: and that *Terra damnata* after due and mani-

fold

fold Calcinations according to Art will every Atom of it turn to Salt, where then is the fifth Principle? If any object, That this is a long and tedious Work: We Answer, 'Tis only proposed to make a Demonstration, we desire no Body by such an Herculean Labour to make the whole body a fine and pure mass: 'Tis most Prudence to gather the ripest fruit, and that which is easiest to come by: we never intend to reduce tedious Demonstration to daily practise, but only to accommodate them to the Confirmation of Principles: a word is enough to the wise. And what is the Flegm but the natural Vehiculum of the Spirit and Life: for let it but corrupt, and suffer a sufficient Putrefaction, you may (except a few faces) reduce it all to a pure transparent and burning Spirit repleat with Life and Efficacy; a confirmation of which you may have in the Exaltation of Rain-Water and Dew, to an high burning Spirit: and as for the faces, they are by the former Assertions all in the Capacity to be reduced to Salt: where now are the five Principles? They are all comprehended in the Three, and the Three in One, so that Death (which was the putrefaction and Corruption) is now swallowed up of Life.

14. *The Mercury or Life, is the first of the Chymical Principles being a subtil piercing light, heat and fire; and that which causes all bodies to Wax and Grow more*

or less, according as it more or less abounds in them: This by the Chymical Art is never separated from the Spirit, because the Spirit is the Organ and Habitation of it; this Life being only Fire, Efficacy and Power.

15. *The Sulphur or Spirit, is the Second of the Chymical Principles, being quick, odoriferous, and inflamable, by reason it is embodied in the finest, purest and most subtil or Oily part of the Body, as its Organ and habitation.*

This is that which by Virtue of Life gives motion, sense and duration to all external things according as they are repleat with it: those which have least of it have only a density of Body, as *Metals* and *Stones*: those which have more, have a sensible Growth, as *Vegetables*: those which have most of it have both Extension or Motion, and Sense, as *Animals*.

16. *The Salt or Body is the third and last of the Chymical Principles, being incombustible, incorruptible, and volatile (which we grant is contrary to the Opinions of former Philosophers) and that very thing through which the spirit and life have their several manifestations.*

If there be any Bodys (suppose Gold and Silver) out of which all these Principles cannot be drawn, let not the Artist think, that it is because they are not therein contained, No: 'tis because that God has so firmly united them against the possibility of our separation, &c. Thus much in short of Principles,

CHAP. II. OF PREPARATIONS.

1. THE Forms of the Preparations of Medicines are two fold, viz. Galenical or Chymical.

And of these, each have their several Modes or Ways of doing the things designed; from which Modes or Ways arise various Forms of Medicines, which are either fluid, soft only, or solid, according to the constitution of the matter of which it is made, and the intention of the Physician.

2. The Galenick Forms of Internal Medicaments are chiefly these, viz. 1. Infusions. 2. Decoctions. 3. Emulsions. 4. Syrups. 5. Julebs. 6. Lohochs. 7. Quidionies. 8. Preserves. 9. Conerves. 10. Sugars. 11. Pouders. 12. Electuaries. 13. Pills. 14. Troches.

But because we will not reiterate in vain what we have already sufficiently said in other places, both in this present Work, and others, we shall here refer to those directions where you may find a large and ample satisfaction. See Our *Doron Medicum* lib. 1. cap. 15. and lib. 4. cap. 11. 16, 17, 18, 19, and 20. of this Dispensatory.

3. The Galenick Forms of External Medicaments, are chiefly these, viz. 1. Lotions. 2. Oyls. 3. Balsams. 4. Ointments. 5. Cerecloths. 6. Emplasters. 7. Cataplasms. 8. Clysters.

The way of making which you may see in Our *Doron* lib. 2. cap. 16. and in this Our Dispensatory lib. 5. c. 1, 2, 3, 4, 5, 6, 7, 8.

4. The chief Forms of Chymical

Medicaments are these, viz. 1. Waters distilled. 2. Spirits. 3. Oyls distilled. 4. Balsams distilled. 5. Quintessences. 6. Elixirs. 7. Tinctures. 8. Extracts. 9. Magisteries. 10. Salts. 11. Liqours. 12. Wines. 13. Vinegars. 14. Effences. 15. Flowers. 16. Glafs.

Of these, several Examples may be seen in the preceeding fourth Book of this Dispensatory, & some General Rules for the same in our said *Doron Medicum* l. 1. c. 25. But because those examples are too narrow to express all cases; and those general Rules in our said *Doron*, too brief, to make every thing plain to Vulgar capacities: We will (through the Divine Assistance) once for all in this present Discourse make every thing so plain, that he which runs may read: But that all things may be done in order, (because that those Chymical Forms cannot so well be Apprehended & Understood without a precedent knowledge of the Various Operations of Chymistry) we shall first explicate the Chymical Process according to the Method of the best Operators whether English or Foreign, and after having laid down all those things in Order, as the nature of the Work requires: We shall then uncover those other seeming Intricacies which by the preceeding Vail have hitherto lain in obscurity, which under the Title of FORMS Chymical you may see more at large.

5. The

5. The **MATTER** for preparation of Medicines is either Natural or Artificial, or Medicines themselves.

This comprehends the whole Product of Nature, all things from the Universal to the Particular, Mineral, Vegetable, and Animal.

6. The **TIME** of the preparation ought to sympathise with the native production of the thing to be prepared; which is in respect of Qualities manifest or occult.

7. As to the Manifest Qualities, That time is to be chosen in which they naturally flourish; wherein you are to chuse a hot and moist season for Dissolution, Digestion and Fermentation; a cold time for Coagulation: A moist time for Distillation and Melting: A dry time for Exsiccation and Calcining.

8. As to the Occult Qualities, The preparation is to be begun, when the Planet governing the thing is strong and vigorous, in his House or Exaltation, and in good Aspect of Sol or Luna, Jupiter, or Venus, or all of them.

9. The **PLACE** of Preparation must be the Laboratory, which must be hot, cold, moist, dry, airy, close, &c. according as the nature of the matter to be prepared requires.

10. The **INSTRUMENTS** of Preparation, must also cohere therewith, some respect the Form, some the Matter, some the Office.

The Form is divers, as the manner of the operation requires; some for Reduction, some for Dissolution, Digestion, Fermentation, Separation, Precipitation, Filtration, Extraction, Distillation, Calcination Reverberation, Sublimation, and several other

Operations as they fall in course. The Matter of which they are made, is Linnen, Woollen, Leather, Wood, Earth, Stone, Metal, Glais; Glais is the most solid of all things; Stone and Earth next: Metals are also solid, but they are apt to be pierced by sharp and acid things, and to communicate their Qualities to them; therefore we make choise of the Vessel or Instrument of preparation, from the nature of the things to be prepared. Of all ordinary Metals Tin is the best, for which cause Copper Vessels are cover'd therewith, that they may not offend with their Vitriol or Verdigrise, such things as being distilled are spiritual. Their Office is only in respect to what they serve, viz. either for Operation or Preservation.

11. The **MANNER** of Preparation is either Natural or Artificial, The Natural consists either in 1. the taking away of something. 2. Or in the addition of something. 3. Or in the changing of something. 4. Or in all of them.

As in the preparation of Essences, by addition of wine or some fit Menstruum. The taking away of parts unnecessary or corrupt, as the Wings, Legs, &c. from Cantharides; what is worm-eaten or rotten from Roots, Fruits, &c. The meliorating or ripening of things by digestion, wherein the crudity is changed into ripeness, acerbity and bitterness into sweetness and the like: So Oyl of Vitriol by digestion is made sweet, where without either addition or diminution it is only changed in its taste and flavour, &c.

12. The Artificial Manner of Preparation consists in Lotion, Purgation, Infusion, Hæmulation, Maceration, Dissolution, Clarification, Emolition, Colation, Extraction, Solution, Digestion, Fermentation, Tricuration, Pulverisation, Confection, Rasing, Filing, Coction, Callification, Burning, Frixion, Roasting, Melting, Putrification, Insolation, Extinction, Refrigeration, Despumation, Expiccation, Inspissation, Induration, Searsing, Mixtion, Distillation, Exhalation, Exaltation, Circulation, Cohobation, Rectification, Sublimation and Preservation.

All which Chymists more Methodically comprehended under these seven Heads, viz. Calcination, Digestion, Fermentation, Distillation, Circulation, Sublimation, and Fixation. Ex Quercetano.

13. D U R A T I O N of Preparations is according to their Form.

They ought not to be kept beyond the time of their duration, for their strength vanishes with time according as they are more or less solid. Hence.

14. Some Preparations immediately corrupt, as Clysters, Cataplasms, Decoctions, Infusions in water, Emulsions, Fuleps, Rouls.

15. Some last a month, as Aromatick Powders, Oyls expressed out of nuts, Pessaries, Suppositories. But Oyl of Ben will hardly ever corrupt.

16. Some last half a year, as Powders not Aromatick flowers of Herbs. But Saffron and flowers of Schoenanth will keep seven years.

17. Some last a year, as Barks, Roots, Herbs, Fruits, Cerots, Conserve, Preserves, EleQuaries, Lo-

bochs, Morsels, Vinegars, simple distilled waters, Oyls expressed from cold Seeds and Fruits, Robs, Juyces, Liquid, simple Syrups, external Oyls.

18. Some last a year and half, as Emplasters and Oynements.

19. Some last two years, as Seeds, Gums, Candies, Fæcula's, Juyces, Inspissate, Lotions, Wines, Compound Syrups, Pills, Troches.

20. Some last three years, as Roots of Birthwort, Bryony, Jallop, Gentian, Hellebor, Rhubarb, Rosins, Aromatick Balsams, Confects, Flowers, Sublimed Magisteries, Oyls expressed from Spices, external Balsams.

21. Some last many years; as Woods, Quintessences, Elixirs, Extracts, Oyl of Ben, hot distilled waters, Spirits, Salts, Tinctures liquid and in powders, Oyls and Balsams distilled, Magisteries, Lixiviums.

22. The CONSERVATION of Preparation 'tis according to their Duration.

1. Salts, Vinegars, Balsams distilled, Oyls distilled, Aromatick Species and Spirits, are kept in Glasses with narrow mouths, and Glas stoppers. 2. Waters distilled, Oyls infused or decocted, liquid Juyces, Tinctures may be kept in Glasses with narrow mouths and Corks. 3. External and Aromatick Balsams, Candies, Pills (first wrapt in Bladders) Unguents may be kept in Tin or Pewter Boxes. 4. Liquid Gums, Conserve, Preserves, Extracts, Fæcula's, Inspissate Juyces, Syrups, Linniments, Oynments, may be kept in Gallypots. 5. Roots; Herbs, Gums, Rosins, Seeds, Fruits, Mineral

neral Earths; Bones, and other parts of Animals dried, Confects, Rouls; Troches, Cerates may be kept in wooden boxes. 6. Lastly, Emplasters and Cerates may be kept in Bladders.

23. The *DOSES* of Preparations are to be regulated, 1. from the strength of the Medicaments: 2. The Age, Sex and Constitution of the Patient. 3. The nature and quality of the Disease.

Which because we would not seem to write one thing twice over, you may see in General Terms in Our *Doron Medic. lib. I. cap. 18.*

24. The *APPLICATION* of Preparations is either General or Special.

25. The General Application of Forms for Internal use.

1. Apozems, Waters, Emulsions, Infusions, Decoctions, Wines, Liquors, Juleps and other Portions are to be drunk. 2. Robs, Lohochs, Syrups, soft Electuaries are to be licked in, or held in the mouth to dissolve. 3. Boles, Candies, Conserves, Confects, Marchpanes, Marmalades, Mixtures, hard Electuaries, Rouls, Trages are to be eaten or chewed. 4. Pills, Troches, Pouders are to be swallowed.

26. The General Application of Forms External.

1. Dentrifices, Gargles, Liniments, Masticatories, Fumes, are applied to the mouth. 2. Waters, Collyrium's, Unguents, Cataplasms, are applied to the Eyes: 3. Errhines, Nasals, Scents, Fumes to the Nose. 4. Waters, Juices, Decoctions, Infusions, Tinctures, Oyls distilled and infused, Balsams

distilled, Unguents, Cataplasms, Fumes, to the Ears. 5. Injections, Clysters, Pessaries, Unctions, Oyls to the Womb. 6. Clysters, Suppositories, Unguents, Balsams, to the Fundament. 7. Injections, Washes, Clysters, Wax-Candles to the Yard.

27. The special applications, is to be learnt out of the prescription of each particular Medicament, of which you may see each in their respective places.

28. The *USE* of each preparation, is drawn from their respective Natures and Qualities, the chief of which follow in an Alphabetical Order.

Such things therefore are

Astringent or *styptick*, which are cold, acid, close the mouths of the Vessels, thicken and bind.

Alexipharmick; which resist Contagion, Infection and Poyson, strengthen the Heart and Spiritus.

Anodyne, which ease all manner of pains in any part.

Aperient, which open Obstructions, and are opposite to Astringents.

Apoplegmatisms, which are hot and draw Rheum by Chewing or Gargling.

Arthritick, which are good against the Gout, strengthen the Joynts, and ease pains there.

Attenuating, which make thin are hot in 3°. Salt biting, nitrous, cut and dissolve.

Attractive, which draw matter or humors to any part designed.

Bechick, which are good against Coughs, Colds, Asthma's, and help tickling Rhumes.

Cardiack, which comfort and strength,

strengthen the Heart, revive the Spirits and help faintings.

Carminative, which discufs and expel Wind, and give ease in the Cholick.

Caragmatick, which are good to Consolidate broken Bones, and strengthen Luxations.

Catharticke, which are used to eat away dead flesh, as Alum burnt.

Cathartick, which purge chiefly downwards, any humors or all humors.

Cautick, which are used to make Issues with.

Cephalick, which comfort the Head and Brain, dry up Catarrhs, &c.

Cholagogs, which purge Cholera, whether upwards or downwards.

Cicatrizing, which by drying and astringing, skin Sores and heal.

Confortant, which comfort and strengthen.

Corroborat, which strengthen the Heart, fortify the Body, or any of its parts.

Corrosive, which corrode, and eat, or take away proud Flesh.

Diluent, which purge, purify and cleanse.

Diaphoretick, which provoke sweat, the same in nature with Sudorifics.

Discutient, which repel, discufs or resolve any matter, wind, water or humors.

Diuretick, which provoke Urine, and purge by the Reins and Bladder.

Eccaprotick, which loosen the Belly, and carry out only the Excrements.

Emeticke, which purge, chiefly by vomiting.

Emmenagogick, which provoke the Terms or Courses in Women.

Emollient, which melt, soften and mollify hardness in any part.

Emplastick, which without acrimony, dry, fill the pores, and stick to any thing.

Emphraticke, which by their oyliness and clamminess, stop the pores.

Epatick, which comfort and strengthen the Liver.

Epsolick, which heal Sores, bring up Flesh and Cicatrize:

Errhine, which draw Flegm and Water, not from the Ventricle of the Brain, but from the Meninges to the Nostrils without sneezing.

Expectorato, which cause the spitting up of Flegm.

Extergent, which are of a drying thin substance, Niterous and Bitter, taking away clamminess.

Glutinous, which are Emplastick, and soder or glew together.

Humect, which moisten and takes away hardness and dryness.

Hydragogs, which purge watery humors, chiefly by Stool.

Hypnotick, which cause sleep, rest and ease.

Hysterick, which cure Diseases of the Womb.

Inciding, which cut, attenuate and make matter or humors thin.

Incrassant, which make thin humors thick.

Indurapt, which coagulate, con-

geal or harden, being generally cold in 3°.

Lenitive, which soften and loosen.

Laxative, which gently relax and purge, chiefly the Bowels.

Lithontriptick, which break and expel Stone and Gravel from the Reins and Bladder.

Maturative, which ripen, digest and cause matter in Wounds or Tumors.

Melanagogs, which purge *Attabilis* or Melancholy, and a diseased Spleen.

Nephritic, which are appropriate to Diseases of the Reins or Kidneys.

Narcotick, which ease pain by stupefaction of the Senses.

Obstruſting, which bind, astringe, make thick, and stop the mouths of the Vessels.

Ophthalmick, which cure Diseases of the Eyes.

Orealgick, which are appropriated to Diseases of the Ears.

Odontalgick, which cure pains of the Teeth, and other Distempers there.

Parergogick, which ease pain by warming, loosning, softning and discussing.

Philtrum's, which are designed to cause Love.

Pblegmagogs, which purge Flegm, chiefly downwards.

Phlothrions, which take off Hair, called also Depilatories.

Polychrest, which have manifold, or almost general Virtues.

Parmick, which bring forth humors from the head and brain by sneezing.

Purgig, which evacuate humors or matter by Vomit, or by Stool.

Putrefactive, which cause putrefaction and corruption.

Pyrotick, which burn, they are threefold, 1. Cathartick, 2. Septick. 3. Caustick.

Pectoral, such as are dedicated to the Stomach and Breast, curing Diseases thereof.

Pulmonick, which are appropriated to the Lungs, against Asthma's, Wheezings, &c.

Rarifying, which make rare and thin, open the Pores by sweating.

Refrigerative, which comfort and refresh by a cooling property, and cool inflammations.

Repellers, which drive back the humors or matter to some other place.

Resolving, which discuss or take away the matter by insensible Transpiration.

Sarcotick, which cleanse Wounds and Ulcers without biting, and breed Flesh.

Septick, which are used to draw Blisters with.

Somniferous, which are Hypnotick, and provoke Sleep.

Sternutatory, which are Parmick, and purge the Head and Brain by Sneezing.

Stomatick, which are appropriated to the Stomach to warm, strengthen and comfort it.

Stupefactive, which are Narcotick, and take away the sense of pain.

Traumatick, which being taken inwardly, help the healing of Wounds and Ulcers.

Vesicatory, the mildest sort of Pyroticks, which only raise Blisters in the skarr skin.

Vulnerary, which are external healers of Wounds and Ulcers.

CHAP. III. OF INSTRUMENTS.

THE Instruments of Chymistry are either Principal or less Principal: the Principal are also twofold, viz. either Primary or Secondary: the Primary are the Chymical Vessels; the Secondary are the Furnaces and Fires.

Of the Chymical Vessels.

1. *Of the Balneum Mariæ, or Bath of Water.*

It is made of a Kettle or Cauldron of Brass, having an ordinary form, and fitted for this purpose, with a brim of about an Inch and half broad, to catch hold of the brim of the Furnace: which must have a Cover fitted exactly to it, having five round holes, whereof the middlemost must be the biggest, and fit to retain the bottom of a Glass Cucurbit with its Head: the other four holes are less, and for other less Vessels or Dishes of Earth, in which Extracts and Salts may be dried. Or thus, To distil in *Balneo Mariæ* is to distil in a Bath of Water, or in a double Vessel, wherein you place the Glass Body: which holds the matter to be distilled in a convenient Vessel of Water: Some (whilst the water is cold, and for fear of breaking) put a wisp of Straw under it to keep it from the bottom, then make the water boyl, that the Spirits may ascend, and at last take out the Glass, the water being first cold, lest the Glass should break.

2. *Of the Balneum Vaporis.*

The Balneum Vaporis is only

a contrivance to hang the said Glass Bodies, over the Vapors or Fumes of the boyling water in the aforesaid Cauldron; for which every man has his own proper Invention: The best way is to have a vaulted cover, at top of which, the Glass body may hang.

3. *Of the Vefica, Copper body, or Alembick.*

It serves to distill Spirit of Wine, Aqua Vitæ, Balsams, Waters, Spirits, and Aromatick Perfumes. It is made of Copper not Tinned within, and some what round bottomed, as is usual for Coppers; the Metal is about the thickness of a shilling, eighteen Inches in height, and twelve Inches in Diameter, being towards the top a little concave, from the middle of which arises a neck four Inches high, and three Inches in Diameter below, and four above, or thereabouts: on the one side of the top arises a little Pipe two Inches high, and half an Inch wide, by which with a tunnel yor may put in again the first Spirits, which come a little muddy, and are so made by the filth adhering to the Alembick.

4. *Of the Cover of the Vefica, or Moors-head.*

It is made of Brass, having a Neck six Inches deep, and three Inches large at top and bottom, but four Inches in the middle: because within it must be fastned several Spunges with cross

Sticks

sticks under and over; to keep them from falling into the Vefica, and from rising up into the Head, their use being to draw to themselves the most Spirituous part of the matter to be distilled, and hinder the Flegm, which towards the middle and end of the Operation rises with the Spirits, from going into the Receiver. This Neck terminates in a round Globe-like body, which for its form, being like a human Skull, is called the Moors Head, from the middle of one side of which runs a Pipe, twelve Inches in length, and one in Diameter, which goes through a little Cauldron sawdred round the Moors head, of such a capacity to contain about six quarts or more of water, which is put in cold in the operation, thereby to condense the spirituous Vapours (in the Moors-head) into Liquor; this is called the refrigeratory: on one side at bottom thereof is a little Brass Cock affixed, to empty the water when it grows too hot, that more cold may be put in.

5. *Of the Hoghead and Worm.*

The Pipe coming from the Moors-head must be joyned to another Pipe of Brass six foot long, and an Inch Diameter, diminishing by little and little towards the end, which Pipe must go through two Hogs-heads situated close one by another, so that the Pipe entering almost at the top of the nearest, may run down slanting, so as to come out at the last Hoop of the farthermost: the holes through which this Pipe runs must be luted

strongly, then the Hogs-heads must be filled with cold water; all which is used as a second refrigeratory to condense the Vapours or Spirits in their passage, that a large distillation may be made in a small time. Some instead of such a long Pipe, use only a Leaden Worm running through one Hoghead of cold water, fixed, as aforesaid, to the Pipe coming from the Moors head at the one end; the other coming through the Hoghead at the lower end thereof; and luted at the holes, as the former.

6. *Of the open Alembick.*

It consists of two parts, 1. A Body or Cucurbit, 2. Its Head. The Body may be of Copper, Brass, Earth-glazed, Stone, or Glass, almost in form of a Gourd. The Head may be of the same matter with the Body, and sometimes of Lead or Pewter, whose top rises to a Point, being at bottom broad, and fit for the Body. In the lower part of the Head, it has a Channel inwards, to receive the falling Vapours, which ascend to the upper-part of the Head: from this Channel runs a Pipe six Inches long, which conveys the distilled matter into the Receiver. The use of this Instrument is to rectifie in Sand, Waters, Spirits, and Oyls, whether from Minerals, Vegetables, or Animals: Where note, That before you put the Cucurbit into the Sand, you must lute two or three slices of white Paper upon the neck of the Body that the Head may fit the faster on it: upon the first luted Paper, tye round about the Body a small Pack-thread

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with a loose Knot; then with more Paper lute together its Body and Head, so may you, when the Operation is ended, easily undo the Vessels, by drawing the Pack-thread, and so tearing the Papers.

7. Of the Blind Alembick.

It is made of a Gourd, and its Head sealed Hermetically to it, of the bigness of a Goose-Egg: In the Top of the Head there is a little Hole, big enough to take in the end of a Funnel, by which the matter is put into the Alembick: In the lower part of the Head there is a Nose or Beak by which the Liquors do distill. It serves to rectifie all Acid Spirits whether of Minerals, Vegetables, or Animals, without any loss of their substance, the hole in the top being carefully stopp'd with a glass stopple, or cork and wax.

8. Of Retorts made of Stone and Glass.

It is a capacious Body, almost in fashion of a Bladder in the Belly thereof, with a long Neck, and bending; which near the belly is four, six, or eight Inches Diameter, as the Retort is in Magnitude, but from thence grows less and less till it is of a fit thickness: Its use is to distill ordinarily in a naked and circular fire the Spirits and acid or ferid Oyls of Metals, Minerals, Salts, Sulphurs, Vegetables and Animals. If glass Retorts be used in strong fires, they are generally luted.

9. Of Earthen and Iron Retorts.

They are like the other in Form, save the Neck near the Belly is not above three Inches

Diameter, and two Inches in its extremity. Its use is to distill the Spirits and stinking Oyls of Wood, Barks, Roots, Berries and Gum.

10. Of a Matraß or Bolt-head.

It is a Glass Body of various sizes: Its Belly is round like a Ball; and its Neck from half a foot long to two foot or more, according as the occasion requires: Its use is to digest in, extract Tinctures, sublime Mercury, and for many other purposes.

11. Of the Pellican or Circulatory.

The Pellicans are two blind Alembicks, whose Beaks are reciprocally inserted into the Bodies of one another, in the top they have a hole for the same purpose, which the heads of blind Alembicks have; their use is chiefly for the Circulation of Spirits, Oyls, Essences, Elixirs and Quin- tences of Minerals, Vegetables and Animals.

12. Of the Recipient or Receiver made of Glass.

It is a Matraß, Gourd or Cucurbit, of any bigness, whose neck must be broken off so near the Belly, that the extremity of the Neck of the Retort may enter a sufficient way into it; Its use is to receive the matter distilled. You may break off the Neck by heating it very hot by degrees where you would have it break, and then dropping cold water on it, so will it fall off by a small knock; you may also do it with Iron Rings fitted for it, being heat red hot, and put upon it.

14. Of Stone and Earthen Receivers.

They have the same form with the former, save they have a wider

wider Neck to receive the Neck of the Retort. They are seldom used but in drawing the fœrid Oyls and Spirits of Woods, Roots, Gums, Horns, &c.

15. *Of double Vessels in form of a Matraß.*

It is a Matraß or a Bolt-head with a long Neck, into which is inserted the Neck of another Matraß of nearly the same Magnitude, save the Neck, which must be a little less, and also shorter, going but half way into the first Matraß; the Insertion or Junction must be luted with three or four pieces of Paper, so that nothing may evaporate: Its use is for digressions of divers kinds of Infusions, and extracting of Tinctures by a sand hear, also to circulate Spirits in, being very closely luted.

16. *Of double Vessels, in form of a Cucurbit.*

It is a Cucurbit of Glass or Earth, upon whose mouth you place a Cup or Capula (almost in form of a Cupping-glass) with its mouth downwards: it having a little brim by which it is suspended upon the top of the Cucurbit: these two Vessels thus placed must be close luted together, with strong paste made of flower or starch. Its use is to extract by Infusion the Tinctures of all Aromatick Vegetables, which here is done without loss of Spirit.

17. *Of Crucibles or melting Pots.*

They are made of the same earth as white Ware, being of different forms and sizes; the lesser are very narrow at bottom almost round, but triangular on the top: the greater are

narrower also below, waxing greater till they come to the top, round having a sinus or cavity, for the more easie pouring any thing out: Its use is to melt and calcine Metals, Minerals, Salts, Sulphurs, and Stone, as also to burn the parts of all sorts of Vegetables, Sulphurs, and Animals in.

18. *Of the Camion or Hand Crucible.*

It is a Pot almost in form of the largest sort of Crucibles, having a handle to it, made of Porters Earth and Sand, that it may hold out very strongly in the fire, which Pots made of ordinary Earth will not: of these some are glazed or leaded, and some are not. Those which are glazed serve for abstractions, evaporations and exsiccatations: those which are unglazed are for the same intentions with other Crucibles, viz. to melt and Calcine in, especially large quantities of things, which the other cannot hold.

19. *Of Aludes, or Pots without bottoms.*

They are Pots (generally made of Earth) having no bottoms: whose Bodies are almost in the form of Retorts with straight Necks; joyned together, and placed one within another, serving chiefly for Sublimations.

20. *Of the Tubulated Retort.*

It is a Retort (generally made of Earth) in the form of the ordinary earthen Retorts, save this has on the Top of its body a Tube or Pipe from six Inches to a Foot or more in length, serving to convey matter into its

body. Its chief use is to make the *Spiritus Stribi* (in *lib. 3. cap. 8. sect. 99.*) The *Ens Primum Sulphure* (in *lib. 3. cap. 12. sect. 20.*) The *Liquor Alkabeſt* (in *lib. 4. cap. 11. sect. 3.*) and ſome few other things.

21. *Of the great Glaſs Bell.*

It is a Glaſs Veffel almoſt in the form of thoſe which Gardiners uſe to cover their Melons withal. Its uſe is to draw Spirit and Oyl of Sulphur, Sal Armoniack, Antimony, Iron, &c. by covering it with an earthen pan: And if it be turned with its mouth upwards, it will ſerve for Lotions or waſhings, Præcipitations, Abſtractions, and Exſiccations, &c.

22. *Of the ſeparating Funnel.*

It is made of Glaſs, with a long Neck and very narrow, to the end that when Waters and Oyls are put into it (the end being firſt cloſe ſtopt) to ſeparate, after that the water is perfectly ſetled to the bottom, the Funnel being unſtopt it may run leaſurely out without diſturbſing the Oyl, and then with your finger you may both readily and eaſily ſtop the Orrifice, to let the remaining Liquor or Oyl run into another Vial: But how this may be better done, we have already taught in this *Our Dispensatory*, *lib. 4. cap. 3. ſect. 20.*

23. *Of ordinary Glaſs Funnels.*

Their uſe is the ſame with ordinary Tin Funnels; but they have ſeveral other intentions to which Tin, or ſuch as are made of Metals cannot ſerve, *viz.* when you have occaſion to uſe them with Corroſive Spirits and Oyl: they are of uſe in the Blind A-

lembeck, the Neck being ſo long as to reach within the Body of it, and being lined with a *Capula* of brown Paper, it is of uſe for the filtration of Water, Spirits, Tinctures, Infuſions, Lixiviums, &c.

24. *Of Seperaters, Strainers, and Filters.*

Of the firſt ſort are all Sieves, Siercers & Strainers, whether of Hair, Linnen or Woollen; of the ſecond ſort are all Linnen, Woollen and Hair Cornutes or Bags, called by ſome *Manica Hippocratis*, Hippocrates his Sleeve: of the laſt ſort are all thoſe Cornutes made of brown Paper and put into a glaſs Funnel, even to ſeparate impalpable Atoms: their uſe is to make ſeparation between the ſubtil and the groſs; and to cleanſe Alchools from filth and impurities. This is called Filtration.

25. *Of earthen Diſhes and white Ware.*

Here are intended ſuch as are flat and broad bottomed, or ſuch as are in form of Platters or Baſons, being either glaſed or unglazed; the red glaſed ones ſerve to evaporate or boyl in a naked fire, Decoctions, Infuſions, Syrups, Extraction, Oyls, Balſams, &c. White Ware Diſhes ſerve for cold Diſſolutions, Præcipitations, gentle Evaporations, and Crystallizations, &c. Unglaſed ones ſerve to evaporate either in a Bathe or Sand heat; Salts, Vitriols, Crystals, &c. and to waſh ſalt things in.

26. *Of the various ſorts of Iron Rings.*

They are made perfectly round of an indifferent thick-

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ness, having a long Iron handle adjoined to them, of as various Diameters as there are Magnitudes in Glasses, viz. all sorts and sizes, from half an Inch over to 16 Inches or more: Their use is to cut Glasses in pieces in any part or place, as the occasion requires; which to perform you must do thus: Take a Ring of equal Diameter to that part of the Glass where you would have it cut, heat it red fire hot, then put the Glass into the Ring so as the Ring may fit close about it, so will the Glass wax very hot, which with two or three little knocks or a little cold water dropt on it, will exactly break in the place where the Ring is scituate.

27. *Hitherto of the Principal and Primary Instruments of Chymistry, the less Principal follow, which because they are various and manifold according to their several uses and intentions, and too tedious here to be all described, we shall only give you the Names of sixty of the most noted, leaving your curiosity to the search and view of the Elaboratory for the rest, viz.*

1. Ashes. 2. Boxes. 3. Bags. 4. Bullet Moulds. 5. Brick Moulds,

6. Bellows. 7. A Cauldron. 8. A Cup Glass. 9. Corks. 10. A frying Pan. 11. Fireshovel. 12. A Funnel of Tin. 13. A File. 14. A Glass Mortar. 15. A Glass Pestle. 16. Glew. 17. Gally Pots. 18. Hippocras Bag. 19. A hair Sieve. 20. Iron Kettle. 21. Iron Pestle. 22. Iron Mortar large. 23. Iron Mortar small. 24. An Iron Pot. 25. An Iron Rod. 26. An Iron Ladle. 27. Kettle of Brass. 28. A Marble Pestle. 29. A Marble Mortar. 30. A Marble grinding stone. 31. A Muller. 32. A Phial. 33. A Press. 34. A Pyramid of Iron. 35. A plate of White Ware. 36. Packthread. 37. Paper white. 38. Paper brown. 39. A Rasp. 40. Rags of Linnen. 41. Spoon. 42. Strainers. 43. A Sack. 44. Spatula's of Iron. 45. Spatula's of Wood. 46. Scales great. 47. Scales small. 48. Starch. 49. Sand. 50. A stone Jugg. 51. Sheers. 52. Tongs. 53. A Table. 54. A Tile stone. 55. Tiles. 56. A Trever. 57. Vials. 58. A wooden Pestle. 59. Weights. 60. White ware Basins, &c. of these we make no particular Discourse, their form and use being obvious to every Practiser,

CHAP. IV. Of Furnaces,

Furnaces are manifold, according to the variety of Chymical Operations, but their form and use is much better understood by Practical application than all the specious and tedious Theories in the world; for which cause sake we shall fall abruptly upon the matter, and, in as few words as may be, give you the general sense of the design,

leaving the more exquisite intelligence thereof to the performance of an Actual Survey.

1. The first Furnace is for a Balneum Marie or Vaporous Bath.

It is thus made; lay a round of Bricks, of so large a Compass as may be answerable to the magnitude of the Copper you intend

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tend to hang in it, leaving a void space about six Inches broad for the Ash-hole, then lay another round of Bricks upon which place your grate : upon this lay two rounds more, leaving before an empty space for the fire-door over the Ash-hole : then lay four other rounds of Bricks leaving in the Upermost of them three little gaps or holes about an Inch wide to let in the Air, viz. one before, one behind, and one opposite to the receiver : Upon this upper lay of Bricks you must hang the Cauldron (at sect. 1. cap. 3.) by its brim, which must be equally situated and suspended on the brims of the Furnace, leaving between it and the sides of the Furnace round the space of an Inch, that the fire may play about it and equal heat the Vessel, and the matter therein contained.

2. *The second Furnace is small for the heat of Ashes or Sand.*

Make upon the floor with Tiles, an Oval containing a foot in Length and eight Inches in Breadth, (which cement with the following Plaster) raise this Foundation of Tiles two Inches high (leaving a space for the Ash hole, then add one lay of Bricks, upon which place your Iron Barrs or Grate ; laying a broad Iron barr (two Inches broad or more) upon the Ash-hole space. Upon this, place small Tiles, cementing them together so as they may make the Furnace of a square form outwardly, yet retaining its Oval Figure within) upon this place two lays of Bricks, for a

convenient space for the fire-room, which ought to be somewhat higher than it is broad : Then build up with little Tiles and Mortar, the outside square to the height of your bricks, so continuing as you build up your Furnace. Upon the top of the fire-room lay an Iron Barr, over which lay another round of Bricks, leaving a gap in the back of the Furnace (of two Inches Breadth) over against the fire room, to give the fire Air : This Circle must be two Inches wider in the Circumference than the last, smoothing with mortar the inside thereof, that the fire may be carried the better upwards : then place on this last round a square Iron plate, half a quarter of an Inch thick, all of one peice, raising the sides of the Furnace over the plate, two, four or six Inches, more or less, as your occasion is, to hold your Sand or Ashes. Where Note, that Sand gives the greater heat, Ashes the less : and wetting them with a little water you may moderate the heat of either.

3. *The Great Sand Furnace.*

Those which have many digestions in Hand, and vast quantities of things to be distilled or done requiring a Sand heat, must have a larger Furnace than the former, which may be built as follows. The breadth of the Furnace may be twenty four inches; the length three, four, five or six foot, more or less, according to occasion : let the fire-room be at one end, the vent for the smoak at the other (going up some chimney.) Or thus, making the fire-

room

room at one end, a division may be made in the middle of the Furnace long-ways (which may also help to bear up the Iron plate) so that the heat going along on the higher side of the Furnace, it may go round the same, and return again on the back side of the same, the which it will be necessitated to do, by reason of the said longitudinal division, and there to go up a flew made for that purpose. By this means you will have several degrees of heat: The Fire-room may be a Tower built like the former, but much higher and larger; upon the top of which you may fix an iron pot or kettle to hold sand, which will be the hottest part of the Furnace: towards the Upper part of the fire-room on the side may be a pretty large hole, for the flame and heat to pass through, which may heat the great Sand-Furnace, which going round the said Sand-furnace, as aforesaid, go's up the aforementioned flew, made for that purpose. This great Sand Furnace may be solid, or fill'd up with Earth, and then pav'd with Brick) till it comes to the lower part of the hole, coming out of the Fire-place in the Tower, where the first and greatest Sand-heat is Upon which placing the middle longitudinal Division, which may be made and raised about 7 or 8 Inches, upon which laying plates of Iron, build the Furnace 2 rounds higher: and then plaster over the said Iron-plates or backs smoothly with loom or clay, which being thoroughly dry, you may fill it three quarters full of sifted Sand or Ashes. The Fire-room you may shut either with an Iron-door or a Fire-stone.

4. The Furnace with a naked and Circulatory Fire.

First lay a round of Bricks, (whose capacity may be something larger than your brass Vesica) leaving a space for the Ash-hole, which must be about six Inches high. upon these two lays place an Iron Grate: then lay an Intire round of Bricks, upon which put two other lays (leaving space for a fire-hole, just over the Ash-hole) then place one perfect round of Bricks, over which lay two Iron Barrs, to hold up the bottom of the Vesica, or Stillatory: here is made the height of the Fire-room, which must be as high again as the Ash-hole. From hence raise the Furnace till you have brought it as high as the Neck of the Vesica, (which you may know by placing the Vesica upon the Barrs) finishing of it without any Chink or Gutter, on any side.

5. The open Furnace for Decorations, &c.

It must have its place for Cinders, its Grate, its Hearth, its Barrs of Iron, place for the Vessel, its Doors and Registers, to which may be fitted a hollow round Cover and a place for a Reverberatory Fire. Let it be square, two foot four Inches High, $2\frac{2}{3}$ Feet broad: and the inward square a foot every way: let the place for the Cinders be eight Inches high, upon which lay a Grate (or square Iron Barr, flatted at each ends upon their Angles) It must have a Door also about the breadth of a Brick, and as High as the Cinders place, in the Front of the Furnace: from hence build the

Furnace round about, leaving a Door for the Hearth, as large as that underneath, (and directly over it) viz. about six or seven Inches high: about this Height leave 2 holes opposite one to t'other, in the middle of the sides of the Furnace, and so large as a stick of an Inch diameter or more may go through: and let them be made quite through, that they may receive an Iron barr, if need be to hold up a Vessel: above these holes raise the Furnace four or five Inches, which is sufficient for all manner of Decoctions.

6. *The Furnace for Distillations with a naked fire, or in sand, as you please; serving also for other uses.*

But if you design it for Distillations which require a Reverberating fire, continue the Furnace till it's raised $1\frac{1}{2}$ Foot above the Grate, so that there may be about eight Inches for the height of the Hearth, and the rest to contain the Vessel. The interiour angles of the Furnace must be filled up with good Lute (that the inside of the Furnace may be a Circle) but you must leave in the same Angles, Registers (that is, holes wide enough to put your Fingers through) which must be hollowed towards the Hearth to let in the Air to feed the fire, and to govern it, they must also have their stopples made of fire-stone, to stop them when you would abate the force of the fire. The Hearth place ought to contract it self towards the bottom, to be about seven Inches diameter: upon one side of the Furnace make a hollow Notch, that the neck of the Retort may ly in it, which then you may cover

with a fit Cupulo or Capitulum, (which you may cause a Potter to make all of one piece, having a hole in the middle which will serve as well as the four Registers) the bottom whereof must rest upon the inner Brims of the Superior part of the Furnace.

The Furnace thus fitted may serve for meltings and calcinations, if you make two or three doors to the Cinder-hole, by which the fire will be enlivened and invigorated.

9 *Ordinary Reverberatory Furnace.*

It must be large enough to hold a great Retort for the distillation of the Acid Spirits and other things. Let the sides of it be two Bricks breadth, the better to retain the Heat: let the Ash-hole be a Foot high, opening (if possible) on that side the Air comes: the fire Room about eight or nine Inches high, cross which lay two Iron barrs of $1\frac{1}{2}$ Inch square which serve to hold up the Retort: from hence raise it about a Foot higher to cover the Retort: fit to it a Reverberatory, Cupulo, or Capitulum having a hole in the middle (as aforesaid) of about two Inches Diameter, to which fit a Stopple as for a Register. Of this fashion you may have several Furnaces, but of different Sizes. These Furnaces by affixing a movable Copper to them; may serve to distil in Balneo, or in Sand, by putting in an earthen Vessel filled with Sand.

8. *The Furnace with a naked fire and small reverberatory.*

Consider the bigness of your Retort, and make the Furnace so big, that there may be an Inch

Inch round betwixt it and the Retort; lay four or five rounds of Bricks in the said proportion, leaving an empty space for the Ash-hole and Fire-room (which in this Furnace are not to be separated (by a Grate) for the Air coming in at the Ash-hole would make the fire in the Grate burn too violently, which is not needful for the uses to which it is put:) Then add a compleat round of Bricks, upon which place two Iron Bars, Whereon you may put the cover of a Pipkin (the Convex side turned downwards) whose Concavity is to be filled with Sand, to hold up the bottom of the Retort. Then with several rounds of Bricks raise the Furnace to the height of the Retort, leaving a space or notch for the neck of the Retort to lie in (which afterwards with lute must be clos'd, to hinder the flame from passing that way:) to whose Beak you must fit a Recipient, luting the Juncture close that nothing may evaporate: Lastly, you must have a Reverberatory or *capulo*, (as aforesaid) fitted to it to cover it, that the rising flame may from thence reverberate upon the Retort. This furnace is of use to distil the flegm, Spirit, and foetid Oyls of Berries, Woods, Barks, Roots, Gums in an earthen or luted Glass Retort,

p. The Furnace with naked fire, and a great Reverberatory.

It is in all things like the former, save that this has a Grate for the fire Room, that the fire receiving advantage by the Air of the Ash-hole may burn the more violently. This is to distil the Acid and Corrosive Spirits and Oyls of Metals,

and Minerals; for which Reason you must fix to the Retorts very large Recipients, upheld by some Stool, Standard or such like thing, having under it a linnen, flax, or some other soft matter, that it may rest the more surely thereon. Now you may either make a *Capulo*, as aforesaid, of one intire piece; or you may otherwise effect your design thus: Lay five rounds of moveable Bricks one upon another (without Mortar or Lute) so as your Bounds ascending, diminish in a Pyramidal form, till you come to the top or closure, leaving therein a small hole to give the fire the more air, the which you may stop at pleasure, and as you may see occasion with Stone, Brick, or Iron, the which if you do it with the last, you will find a pleasant and rare *Crocus* or *astringens*, sticking to the superficies of the Iron, of the purest red.

10. A Wind Furnace for speedy Calcining and Melting.

Rear a Quadrangle whose sides shall be about 26 Inches long; let the Wall on each side be four Inches thick, and leave an aperture or opening on the middle of each side of the building, *viz.* 4 spaces for 4 doors: then build up with Brick all the forefronts or sides of the Furnace, for about 2 foot high, leaving in every Corner of the Furnace as you build a Register or stopping hole, beginning at the bottom about the 5th Inch in height, and ascending upwards towards the Corner opposite, which ought to be strengthened with a Pipe of Iron above a quarter of an Inch thick, and three Foot long, about four Inches wide at the bottom, and so growing taper to the top

top, which should be about an Inch wide, and fixed in the Furnace as you raise it : The Furnace being raised two Foot high, fix your Bars of Iron or Brass, as aforesaid, and continue Building above it (without leaving any new door) till it is about 10 Inches higher (for a hearth-room to place the matter to be calcin'd or melted) The inward corners of the hearth-room, fill up with Lute mixed with Brick, that the capacity thereof may be Circular, and towards the bottom of the hearth grow a little taper till it come to the door, as aforesaid : To the top hereof fit a Cupulo, as is before directed, letting the substance of its sides be near two Inches thick, and a hole on the top, to which fit straight Pipes of Brass or Iron, about three foot in length, and half an Inch thick : put these the one upon the other, and the lowermost over the hole of the Cupulo : so will a fire kindle in this Furnace, give a violent heat, and be able to calcine or melt, in a very short time, any Metal or Mineral whatsoever.

11. *The Furnace called an Althano, or dull Henery.*

It is much used, and variously built, both in respect of Magnitude and shape: the design of which is to heat with the same fire and with little trouble, several Furnaces at once, which is done by means of a Tower which is furnished with a Grate, a Cinder place, a Door and Openings necessary for the imparting of heat : the fire being kindled upon the Grate, the

Tower is filled with Charcoal, and covered on the top, by which means it kindles by degrees, and burns by degrees with equal heat for 24 hours, thereby imparting at the same time (by means of the Openings made upon the sides of the hearth of the Tower) an equal heat to all those adjacent furnaces. These Athanors are generally placed in the middle of the Laboratory. The Tower may be made square, but 'tis usually round, to the end that it may impart its heat to the greater number of Furnaces. This Tower has but one Canal, with its Cinder place, its Door, a Grate and Door for the hearth ; and plates of Iron fit to stop the breathing holes of the Tower, when you would hinder it from communicating of it to a Furnace that has no need thereof.

12. *A Furnace to distil per descensum.*

Make a Furnace round or square, four Inches thick in the Walls, and 20 Inches or more in Diameter. In the lower part of it, let it have a door, ten or eleven Inches high, and eight Inches broad, which shut with a strong plate of Iron. Over the middle of the Furnace lay a Plate of Iron four or five inches broad, and $\frac{1}{2}$ inch thick, having a round hole in the middle three inches Diameter : by the sides of this broad Bar, lay other square Bars, and make a Grate as in other Furnaces, but let the Bars be much closer ; raise the Wall, a foot above this Grate, then fit an earthen glazed Ves-

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fel like a *Cucurbit* with a straight Neck, into which put the Wood, Roots, Barks or other matter to be distilled: cover the Orifice hereof with a *Capsula* of Silver, or Copper Tinn'd over, which *Capsula* let be made very full of small holes, and so disposed as to surround the mouth of the *Cucurbit*, the Neck whereof put through the hole in the aforesaid broad Bar, which joyn to a Receiver of Earth glazed, or Glass underneath; then kindle round about it a fire, at first very gentle, then increase it by degrees, till it covers all the *Cucurbit* (if the matter to be distilled is solid) after a sufficient continuance of the fire, in the Receiver below you shall find the matter distilled.

13. *A Reverberatory Furnace, having a Balneum and Sand beat.*

It is made with a Cinder-place, door in the middle of the Front, a Grate six inches from the ground, the Fire-room nine Inches high above the Grate, with an opening or two (according to the bigness of the Furnace) in the side-wall, big enough to put in the neck of a Retort or Vefica, which opening must be continued to the top: Raise the Walls equally a foot above the opening, and fill the inward Angles with Lute and Brick, as aforesaid. Then provide a flat *Capsula* to cover it, which let rest upon the inner brims of the Wall: this *Capsula* must have brims sufficiently raised, if for a *Sand beat* six Inches; if for a *Balneum*

twelve or fourteen Inches above the Basis thereof, by which, with the reverberating heat you may distil Waters, Spirits, &c. The Retort to be used within the Furnace must be placed upon a Trevet, raised about five inches from the Grate or Iron Bars fixed therein before hand for that purpose. Lastly, with lute and pieces of Brick stop up the apertures or openings of the Furnace, where the Neck of the Retorts come out; then kindle the fire, and fill all the void space with Coals from the Grate to the top; and take heed that the fire have no vent but through the Cinder-hole, and the hole or Pipe in the middle of the *Capsula* or Cover, that it may operate with the greater vigour: Fit a Recipient to the neck of the Retort, and so leave it to its self till the Distillation is finished. But in my opinion, it is better to have a door in the fire-room, made of Iron, and casting in the Coals that way, to shut it close afterwards, and so continually to attend it during the time of the Distillation.

14. *A moveable Furnace with a little Circulatory fire.*

It is made only of one round of Bricks, close set together without Lute or Mortar; in the middle of which place a Vessel, made of Lute, Salt-cellar fashion, upon which place a Bolt-head, about two Inches less in its Diameter than the Diameter of the Furnace, into which space put your Coals ready kindled. This serves chiefly for Evaporations

15. *A moveable Furnace with a great Circulatory fire.*

It is made of two equal rounds of Bricks, so plastered with Lute, that there may be a little distance between them that the air entring may make the fire lively: in this you may place the Vessel or Stillatory as in the former. It is of use to sublime Salt (drawn from Metals and Minerals) in a luted Bolt-head.

16. *A moveable Furnace with a Circulatory fire, and fire of Suppression.*

Lay upon the ground a flat round foot made of Lute and Plaster, or two Bricks, upon which put your Crucible, then raise divers rounds of Bricks, without Lute till they come to be 2 or three Inches above the Crucible (making a space of 2 or 3 Inches also between the Furnace and the Vessel within it) fill the Furnace thus fitted up to the top with kindled Coals, with which also you may cover the Pot all over, from whence it is called a fire of Suppression. It is of use to Calcine all sorts of Vegetables, Animals and Minerals, and to melt Metals with. If you make a Chink or Notch in the side thereof, it will serve for Distillation of all sorts of Waters, Spirits, and Oyls, made of Gums, Wax, &c.

17. *A moveable Wind Furnace.*

Be a Hogthead, knock out the one end thereof, and cut in the other a hole as wide as a Peck bottom; set this Hogthead upon two stones or Timber-logs, of about a foot in height, cover the Head where the hole is with our Lute, up-

on which lay a Grate, covering it again with Our Lute and Plaster together, upon this erect a moveable Furnace (such a one as the former) with our Bricks, and having a fire of Suppression, but without a Notch on the side, fit it on one side; with a Door-hole (which stop with a Fire-stone) and on the top with a Cupulo and Pipe, so shall you find the air to ascend from under the Hogthead with such violence, that it will melt even the hardest Bodies, as Metals, Minerals, Glass, Stones, &c.

18. *The Structures of Furnaces are very various, according to the nature of the operation and ingenuity of the Artist, who ought to know how to invent new, if occasion requires, as to imitate and use those which are already invented. The matter of which Furnaces are built is also various, according to the magnitude, place and use; Furnaces in Glass-houses are built of thick strong Stone able to resist fire for a long time; and of the same Stone we also make several Furnaces both fixe and moveable, being first cut out and fitted for the same, streight, and square on the out-side, and circular within, conformable to the intention of a Furnace. We use also Bricks made and moulded into the same fashion: you may also make portable Furnaces, in all respects like the fixed, which may be cut, shap'd, jointed and fitted to the intention, having their Asphole, Grates, Hearths, Doors, Registers, Cupulo's, &c. all which may be taken down, and pieced from piece, and carried wheresoever a man pleases,*

CHAP.

CHAP. V. Of LUTES.

Lutes are manifold according to the uses to which they are put.

1. Mortar to build Furnaces with fire stones.

It is only made of Quick Lime, with a proportionable quantity of Sand.

1. Mortar or Lute to build Furnaces with Brick.

R^e fat Earth, such as Bakers use for building their Ovens with p. iij. River Sand, Horse-dung, A. p. j. mix, and with salt water make Mortar: you may strengthen it with dross of Iron, Glafs, &c. beaten to powder.

3. Lute for coating Retorts with, whether of Glafs or Earth.

Take Potters Earth, white or yellow Sand, Horse-dung, of each a like quantity not weight, with water make Lute. First, work them with your feet upon the ground, then work them with your hands in little pieces, till the Ingredients are well incorporated; Some instead of Sand use the *Caput Mortuum* of Vitriol. The use of this Lute, besides that of coating Retorts, serves to the making of Bricks, the cementing of them, or building of Furnaces, filling up the Cracks of the Furnace; making of little flat Rounds to set Retorts on, and to stop the Cracks in any Vessel.

4. *Lutum Sapientia* for closing the Mouths and Necks of Vessels.

R^e Quick Lime and Glair of Eggs, make it into Paste, which

immediately apply, because it quickly dries. Where note, that some first flake it with Milk.

5. Another Lute for Coating of Glafs Retorts.

R^e Sand, Dross of Iron, Potters Earth in Pouder, A. lbv. Horse-dung cut small, lbj. Salt, Glafs beaten into powder, A. ziv. mix, and with water make a Lute; with this you may also stop up the Juncture of the Neck of the Retort with the Receiver.

6. A strong Lute to make Vessels of, and build Furnaces with.

R^e Potters Earth, Pottherds, A. p. ij. (beaten into fine powder) River Sand p. j. mix and with water make a Lute. This Lute will also serve to cover Retorts with.

7. Another Lute to the same purpose.

R^e Potters Earth dried lbvj. Pottherds, *Caput Mortuum* of *Aqua fortis*, Horse-dung dried, A. lbij. Bricks, dross of Iron, Glafs, A. lbj. beat what ought to be beaten into fine powder, mix it with Horse-dung & with Butter lbj. and water make a Lute.

8. Another strong Lute for the same use.

R^e Potters Earth lbvj. Bricks lbij. Quick Lime lbj. being in fine powder make them into a Lute with an equal quantity of Ox blood and Salt water.

9. Lute to joyn the Helm of the Alembick with the Cucurbit.

You may make it of white Starch boyled in water, or of Grew

Glew dissolved in water, which spread upon Paper, and apply to the Juncture; but if the matter is very Spirituous, apply a Bladder moistned in water; for it is very strong when it is dry: But if the Spirits are corrosive, so that they may endanger the former Lute, by eating of it, use this following: R Lime, white Starch, A. ʒi., Potters Earth in powder ʒss. with Glair of Eggs make a Paste; you may also use Fish Glew dissolved in S. V. and mix with fine Flax, and so applied; or you may apply the Glew with a piece of Bladder.

10. *A strong Lute to Coat Retorts with, which will hold, should the Retort break.*

R fine Potters earth, fine Bole, Potters sherds, all in fine powder, mix them with Quick Lime slak't with a little Milk, and with Glair of Eggs, Bulls blood and Butter beaten together, so much as will bind them, make a soft Lute, to Coat Retorts with, which you may put on three or four times, lay upon lay.

11. *Lute to mak Crucibles of.*

R Potters Earth dried, Roach Alum, a kind of Talk called *Schistus*, or fire-stone, of each a like quantity; powder them fine, make them into a Body with Milk, then form that Paste into Crucibles, and bake them in a Potters Furnace.

12. *A Lute to stop Bottles with, so that no vapours may get out.*

Dissolve Fish Glew in S. V. to a Mucilage, which mix with flowers of Sulphur, Mastich finely powdered, and Quick Lime, quenched in Milk to a Plaster: this being laid within the Neck

of the Bottle, and upon the Mouth thereof, and dried, will be so firm that the most subtil thing cannot pierce it; Or thus; R Minium fine Bole, Venetian Ceruse, Gum Sandrach, all in fine powder, make them into a Paste with Linseed Oyl.

13. *A Lute for Cracks of Vessels which will endure the fire.*

R Minium in fine powder p. ii. Fat of Herrings p. j. mix, spread it upon fine Linnen, and apply it to the defect.

14. *Of the Hermetick Lute or Seal.*

It is the nipping or the wringing together of the Mouths of Glass Vessels, which hold a matter, all whose Parts you would preserve; let it be done in a Glass having a long Neck, narrow, and strong withall, able to endure almost melting. Take an Eardien Pot able to resist the force of the fire, make a hole in the bottom thereof, big enough to receive the Neck of the Glass you would close up; then make a soft fire in the Pot to warm the Glass by degrees, encrease the fire, till the Glass is near melting; then take it forth, and immediately with a pair of Tongs red hot, nip and wring it so that all its parts may stick together, and be exactly closed, so that no vapour can penetrate it.

15. *Of Artificial Bricks for the Chymical Furnaces.*

They are all of a bigness, evenness and proportion, to the end that all Our Furnaces may be the better, and more easily built: They are formed in a Mould made of hard Wood, about twelve Inches long, six Inches broad

and three Inches thick. The out-fides Convex, the In-fides Concave, each being fragments or portions of a Circle; the outward being eight Inches in Circumference, the inward fix Inches, the breadth and length each of them three Inches. Fill the mould with Lute (at Sect. 3.) and with a wooden Knife or Rule make even and smooth the Superficies, after which knock it out; rub the Mould with Sand, and in like manner make another, &c. These Bricks dry thoroughly in the shade and reserve them or otherwise burn them in a Potters Furnace, according as their several uses require.

16. *The way and manner of Luting Vessels.*

Take our aforesaid Lute (at Sect. 3.) or any other fit for the

purpose, and make it more soft than for Bricks or other uses, which lay upon the Vessel you would lute, about the thickness of a half Crown. This Lute is sometimes layed but half way on Matrasses or Bolt-heads; sometimes they are luted up to the neck; so also Retorts, except only a little space which ought to be left near the neck, to see into them in the time of their operation: the Vessel being luted, let it dry at leisure in the shade, and as near as you can every ways equally. Where note, That some make their Lute thinner, and spread it very thin upon the Vessel to be luted, laying it on three or four several times, drying of it every time, for the greater security of their design.

CHAP. VI. Of FIRES.

Chymical heat or fire we shall consider in a five-fold respect, viz. as to its Nature or Kinds; Its degrees, the way or manner of using it; the matter of the fire; and the Government thereof.

1. Heat is either Natural or Artificial. Natural is that of the Sun; Artificial is either that of Horse-dung or of Fire.

2. That of the Sun is used for Digestion or Calcination: the first is done by Insolation, the second by Reflexion, or Concentration of Beams by Glasses.

3. The Artificial of Horse-dung

is used for digestion and putrefaction, and it is done either by burying the Vessel in a Horse-dung-hill; or by making a hole in the ground; & placing in that hole, a large course of Horse-dung a foot or more thick, with a course of Lime half a foot thick, and then another of dung, upon which fixing the Glass or Vessel, you must lay round it Lime and Horse-dung mixt together, and press it very hard down, upon which every other day sprinkle water, till it ceases to be hot, then taking the Vessel out, put it

it into new, and continue this work till your limitation of time is ended.

4. The Artificial heat of fire is 1. of a Lamp or Candle : 2. of burning Coals : 3. of Flame.

5. The degrees of fire are fourfold. The first degree is gentle and only warms ; which two or three lighted Coals will very well perform. The second degree is stronger , and only scalds , this is done by a fire somewhat greater. The third degree is vehement, and only boyls , this is done by a strong fire. The fourth degree is most strong or violent, and this is that which fuses, calcines, destroys or consumes bodies to ashes and vitrifies.

In every of these degrees, there are also other degrees of strength and action, which are not so easily declared as found by practice and experience, all these the ingenious Artist may observe by himself. A Pot may boyl, and it may boyl and rise up ; and by a greater heat it may boyl to run over. So in the fourth degree of fire one heat Melts, another Calcines, another Vitrifies or makes Glass. The industrious Schroder saith, The first degree is commonly measured by Balneum Mariæ. The second degree by the heat of Ashes. The third degree by the heat of Sand. The fourth degree by a bare or naked fire. Not that it is simply necessary to use these several degrees, these several ways ; for many of the degrees may be acted by one and the same way. In B. M. you may have the first and second degree of heat. In Ashes and Sand you may have the first, second and third degrees. In a naked fire, you may have them all.

6. The way and manner of using

fire, whether Lamps, Coals or Flame, is 1. By Balneum Roris, or Vaporis the Dew-Bath. 2. By Balneum Mariæ, or Mariæ. The hot-water Bath, wherein the Vessel is put, having the Medicine to be prepared. 3. By Ashes. 4. By Sand. 5. By a naked fire of Burning Wood or Coals, having no Medium.

This last way of fire is either 1. Circulatory, when coals of fire are round about the Vessel. 2. Reverberatory, when the Flames goes round by reflection or beating back. 3. A fire of Suppression, when the fire is below, round about, and on the top.

7. The matter of the fire, is either Coals, Wood or Oyl. The Coals ought to be of good Wood (chiefly of Beech) dry, round and of a middle size: not of Oak, if possible ; because they fly and may endanger the Glasses: Wood should be hard, dry and in pieces. Oyl is only used in the Lamp Furnaces which serves to digest and distil with an equal and moderate heat, without any necessity of attending upon it.

8. The Government of the Fire is to be limited from the nature of the Operation about which 'tis used. In the sublimation of Mercury dulcis, you use only a small heat during the whole Operation. In other works where you use even the highest degree of fire, you must give a gentle heat at first, for fear of breaking your Glasses ; then increase the heat by little and little, till it comes to the highest Degree ; which is to be continued either for a little season, as in the distillation of

of the Oyl of Bricks, or for several hours, as in the Distillation of the black Oyl of Vitriol, &c. Moreover you are to consider what it is that augments or di-

minishes the fire, whether it be the air, or fuel, or both, and accordingly to increase or lessen the same, as the *ration* of your Operation requires.

CHAP. VII. OF DISSOLUTION.

1. *Dissolution*, is the reducing or resolving of Bodies out of Forms more concrete and gross, into other forms more simple and subtile. Or it is the Division and Separation of the various substances, composing a mixt body.

Hence it appears that Dissolution is taken in a two-fold sense, 1. In the Destruction of its primary form, retaining all its parts together. 2. In the destruction of the same form, with separation of its parts.

2. *Dissolution* is considered, 1. In respect of the matter to be Dissolved. 2. In the manner of Dissolving.

3. The matter to be dissolved is either Simple or Compound.

4. The Simple, is either Mineral, Vegetable or Animal.

5. The Compound, in a Complex Body, made of some one or more, or all of those three; which are chiefly the Preparations and Compositions of the Shops.

6. *Dissolution of simple Bodies*, is either by Menstruum, Amalgamation or Liquefaction.

7. *Dissolution by Menstruum* is the subtilizing of Gross Bodies, with fit Watery, Spirituous or Oily Substances.

Thus Silver, Mercury and

Copper are dissolved in A. F. Gold in A. R. Iron in Water by help of Tartar: Lead and Tin in Vinegar: Resinous Gums in S. V. or in Vinegar: Watery Gums in Wine, Water, or some juyce: Salts in water: Bones, Horns, Hoofs, Hair, in Spirit of Salts: Sulphurs in Oyl, &c.

8. *Dissolution by Amalgamation* is the subtilizing of Mineral bodies by a mixture of crude Mercury or Quick-silver.

And this Dissolution is used about all Metals except Iron.

9. *Dissolution by Liquefaction* is the making of gross Bodies thin or fluids by the force of heat.

This is according to the matter to be dissolved, wherein you may use all the degrees of that beforemention'd; Those things most subject to this kind of dissolution are are all sorts of Fat, Grease or Oyl; all sorts of Rosins and Gellies; all sorts of Metals, Stones and Glasse; all sorts of Salts, Sugars and Honeys.

10. *Compound Bodies* admit of some one or more, or all those aforesaid ways of Dissolution; according to the matter of the Composition.

Thus Electuaries, Confects; Pouders, Extracts, Syrups, Honeys, Lohochs, Pills, Trochesare

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dissolved in some liquid Body, to make them potable; Gummy matters in Spirit of Wine, Wax, Cerots, Emplasters in Oyl, &c.

Hitherto of the first kind of Dissolution; the other which relates to the Division of the parts, you may search out in the Chapter of Separation.

CHAP. VIII. OF CALCINATION.

1. **Calcination** is the making of a matter friable, or bringing it into a Lime.

2. It is either Actual, by the force of Fire, or Potential, by Corrosion.

3. Calcination by the force of Fire, is either Incineration, or Reverberation.

4. Incineration is the burning a matter to Ashes, either with live Coals, or by the help of Niter, as in the making of the niterated Salt of Tartar.

5. Reverberation is the bringing of a matter to a Calx or Lime by the heat of a reverberated Flame.

By this kind of Calcination many Metals, Salts and Stones are calcined: It opens and separates the substances of mixt bodies by a reflexive Flame, and consumes the Corrosive Spirits of Niter, Salt and Vitriol.

6. Potential Calcination which is done by Corrosion, is either by Immersion, Amalgamation, Cementation, Fumigation or Illusion.

7. Calcination by Immersion, is done by putting the filings of Metals, or, pouders of Stones, &c. into Corrosive Spirits and Oyls.

We need give no Examples hereof if you have but recourse to Lib. 3. Cap. 1. Sect. 3. Cap. 2.

Sect. 1. Cap. 3. Sect. 5. Cap. 4. Sect. 5. Cap. 5. Sect. 7. Cap. 6. Sect. 2. and Cap. 7. Sect. 19. foregoing.

8. By Amalgamation, which is done by a mixture of Quick-silver (a sufficient quantity) with the filings of the Metal to be calcined, when the Quick-silver has swallowed up the Metal, evaporate it by a gentle heat, and the Calx of the Metal will remain at bottom.

Examples hereof, see Lib. 3. Cap. 1. Sect. 4. and Cap. 2. Sect. 4.

9. By Cementation, which is done by strewing a cementing Powder upon thin plates of the Metal to be calcined, and so laying the Cement and the Metal stratum superstratum, till the Vessel is full; which is afterwards covered over, and luted exceeding close, and then put into a gradual circular Fire, for some hours, till the Calcination is perfect.

This is generally done, where perfect Metals are mixt with imperfect, for by this kind of Calcination, the perfect Metals, as Gold and Silver become freed from the Imperfect, which by this kind of Operation are utterly destroyed. In this case 'twill be good to continue the Calcination, till the perfect Metals are melted.

10. By Fumigation, which is done by the Fumes of Mercury, Lead, Vinegar, AF or Spirit of Niter. Thus, Put Mercury into a Calcining Vessel, with a narrow mouth, put it to the fire, that the fumes may exhale; In the Orifice thereof put the Metal to be calcined, in thin plates, so will it be made brittle or fryable by the Mercury that pierceth and goes through it.

Tin and Lead are thus Calcined by the Vapors of Vinegar, or other Corrosive Liquors:

Lead thus Calcined by the vapors of Vinegar is converted into a white Lime, which is the true Ceruse or white Lead.

11. By Illinitio, or anointing, which is done by anointing plates of Metal with the Solution of Sal Niter, Sal Armoniack, Sal Gem, or Common Salt.

It is chiefly used upon Copper and Iron; yet other Metals are subject to like Operations, consideration being had to the matter you anoint with.

CHAP. IX. Of DIGESTION.

1. Digestion is the maceration or steeping of fit Bodys in proper Liquors, for a certain time.

2. In Digestion there is considered, 1. The Matter. 2. The Digestive. 3. Manner. 4. The Time. 5. The End.

3. The matter to be digested is all things, Mineral, Vegetable and Animal.

4. The Digestive is some proper Liquor or Menstruum.

This is to be chosen according to the nature of the thing to be digested, and the end or intention of the Digestion: some things are to be digested in Water, some in Wine; some in Spirit of Wine; some in Vinegar; some in a Lixivium of Salts; some in a Lixivium of Quick-lime, some in Hydromel, and some in Beer, &c. In this case let the Liquor or Menstruum have some homogeneity with the matter to be digested, or

with its principal parts. It is best to digest Aqueous matters in an Aqueous Menstruum; Spirituous in a Spirituous Menstruum, as Spirit of Wine, Aqua Vitæ; Saline in a Lixivate Menstruum, as Ley of Quick-lime, Oyl of Tartar: but if you expect extraction, then digest Saline and Gummy Bodys in Waters; Resinous, in Spirits; Sulphurous, in Oyls, &c. If you intend Dissolution you must chuse such Menstruums as have power either to resolve bodys into their first Principles, or at least to divide their parts.

5. The manner of Digesting is taken from the kinds, which is either without fire, or with fire.

6. Digestion without fire is used only about such things whose Bodys or their parts will be dissolved, divided, or yield their Tincture without heat; at least without any other

ther heat than that of the Menstruum.

Thus Salts and Gums; resolve in Waters; Resinous Bodys and Tinctures in S. V. without any actual heat, &c.

7. Digestion with fire is used about such things whose Bodys are too hard or fast bound to be unloosed without the help of Actual heat joyned with the Menstruum, which is either of the Sun-beams, Horse-dung, B. M. Ashes or Sand.

So Herbs, Roots, Barks, Woods, some parts of Animals, &c. are always digested with an Actual heat, according to degrees, that when their Distillations, Extractions or Dissolutions are performed, they may be the more easily or perfectly done.

8. The Time of Digestion is taken from the Nature of the Body, the Digestive, and the end or intention of the Digestion.

Things of hard, or rough Bodies, and hard to be resolved or extracted are digested a long time; although in a strong Digestive, but longer, in a weak: Things porous, soft and easy: of Extraction require a short time of digestion, although in a weak digestive; but a shorter if in a strong: Scorpions are digested whole a long time in Oyl of bitter Almonds, because they communicate their Virtues by little and little. Roses are beaten with Salt, and digested cold in a Cellar 8, 10, or 12 Months together. They are also digested a long time in Oyl to make Unguentum Rosatum. Poppy Heads are digested in Water, but a very little while before they are

made into Syrup: calcin'd Lead, Minium, Ceruse or Licharge are a long time digested in Spirit of Vinegar, either for Dissolution, Magistery or Salt.

9. The end and intention of Digestion, is either for Maturation, Impregnation, Tincture, Extraction, Separation, Dissolution, or Circulation.

It is then only intended for Maturation, when it is intended for Distillation: Impregnation when the Liquor is only to be decanted: Tincture when the Colour is respected: Extraction, when the Digestive is to be separated by evaporation: Separation, when you intend precipitation: and Dissolution when the Body is capable of such an Operation by means of such a digestive. So filings of Steel are digested in Spirit of Vitriol, to make Vitriol of Mars: Spirit of Wine, and Spirit of Vitriol of each equal weight are mingled together, and digested in an Iron Vessel, to the end that they may incorporate into a whitish Substance called the Salt of Mars.

10. Circulation is an Intention of Digestion wherein Liquors impregnated with the Virtues and Substances of Medicaments (or have the Medicaments themselves infusing in them) in a fit Vessel made of Glass, and all of one piece, (as a Pellican, single or double,) or a Vesica well luted to a blind head, &c. are put to Circulate.

This may be done, either by the heat of the Sun, or of Horse-dung; or in Ashes or Sand, or by a Lamp of fire; wherein the heat

heat must be equal and continued for some days, weeks, or months, &c. as your matter requires. By means of this Circulation the most subtil and spirituous matter ascends to the top of the Vessel, and not finding any passage, falls down a-

gain to the matter at the bottom of the Vessel where it was raised; thus continuing to ascend and descend, it makes a kind of Circulation, whereby there is a more perfect extraction, separation, and exaltation of the spirituous parts.

CHAP. X. Of FERMENTATION.

1. Fermentation is a certain manifestation of life, fitting it for a resuscitation, and without which it would remain captivated within the Bonds or Chains of Death. Or, it is the breaking of the Bond of Corruption and Putrefaction by the power of Life, assisted by a Homogeneous Matter, or Principle already freed.

2. It is caused from the Contest of two contrary Principles or Matters.

That is, which are opposite either in nature or form; so Life and Death, Purity and Impurity, Corruption and Incorruption, are opposite in nature, Acid, and Alkali, in form, &c. here also it is observable, That that Principle or Matter which is greater in power, retains the dominion; hence it is that some things cannot ferment without additions and helps, because the corruptible and dead part much exceeds the life or pure part in power, &c. but in other things where the life and pure part transcends or exceeds the contrary; after a certain time, it creates a struggling as it were

in the Womb, and by means of its own efficacy frees it self from that which subjugated it; the former is artificial, this natural.

3. The matter to be fermented contains in it all the natural principles.

That is, Salt, Sulphur, and Mercury, crude and indigested; if any one was wanting the other could not be, because each two subsist, and are upheld by the third: As in an Equilateral Triangle, if you take away the legs or shanks constituting any Angle, you leave not two Angles behind, but only a right Line, which not only makes a nullity of the Triangle in general, but of the two remaining Angles in particular, there being nothing of a Figure left behind.

4. Before Fermentation the Matters being distilled can yield no Spirit but a Flegm and serid Oyl, according to the nature of the thing distilled.

This is apparent from all sorts of Juices, and Wort, of which

H h h 3 Ale

Ale is made : the first although the juice of the Grape will yield nothing but Flegm, and a *Caput Mort*; the other a Flegm and stinking Oyl, but let them be but first fermented, then they will yield first their inflammable Spirit, & after that their Flegm. From hence appears, 1. The necessity of fermentation. 2. That crude Juices, Herbs and Plants (Aromatics excepted whose odour shews a pravius natural Ferment) can loose none of their Spirits by boyling, whatever some have affirmed to the contrary. Yea, without it, its impossible they should loose their spirituous & volatile parts in the least measure, since there is a power stronger than theirs which holds them.

3. After Fermentation, the matter is resolved or broken, made thin and ripe, whereby its Spirituous and Volatile parts are made subject to fly.

The reason appears from the contrariety or confusion of parts fermentable they being not yet brought under one power, or subjugated to life and purity, and being dissolved, tis apparent they are altered by force of a stronger faculty, and so brought & exalted to a more spirituous disposition, standing in a living active property.

6. The Matter to be fermented is chiefly all liquid substances.

This is true whether they be Acids or Alkalies; Acids suffer fermentation by Alkalies; Alkalies by Acids; yet thicker Bodies are said to be fermented, as Syrups, Electuaries, Dough;

but in these there can be no separation by reason of the grossness of their Bodies.

7. The matter fermenting, or causing the ferment is either the internal Spirit, or external Agents already freed, or both.

Where the Spirit is powerful and much transcends, it will cause a fermentation alone, as in juice of Grapes: in other cases where the Spirit is overpowered there is required an external Agent: As Leaven or Yest to Dough; Yest to Juices, Wort, Infusions, Decoctions, and Tinctures: Sugar, Honey, and Alkalies, as Salt of Tartar to Vinegar and other Acids: Vinegar, Cream of Tartar, Tartar Vitriolate, &c. to Alkalies; together with an external heat. See Lib. 4. Cap. 12. Sect 4. of this Dispensatory.

8. The way and manner of the Fermentation, is done by mixing the ferment with the Liquor, being a little warm, and in a wooden Vessel shaking them well together, and then setting them in a warm place, or insulating them.

9. The End or Intention of fermentation is twofold. 1. To take away the Crudity, and greatest part of the terrestrial impurities. 2. In case of Distillation, that the Volatile and spiritual parts may be raised.

10. The measure of the fermentation is from the Odour and clearness of the Liquor fermenting.

If it be too violent and long it may cause a dissipation and evaporation of the Spirit (which ought to be kept) from whence follows sowness and deadness

CHAP.

CHAP. XI.

Of EXTRACTION.

1. *Extraction is the drawing forth the Spirit, Life, Essence, Power or Energetick Properties of things, actually making a separation of the pure and fine parts from the impure and gross.*

2. *The way and manner of doing it is threefold. 1. By Expression or Straining. 2. By Potential Heat. 3. By Actual Heat.*

3. *By Expression, Oyls are extracted out of Seeds, and Juices out of Herbs and Fruits, &c.*

4. *Extraction by Potential Heat is done by Menstruum.*

Menstruum is the Medium of this kind of Extraction, and it is various as is the quality of the matter to be extracted: Some things require Sulphurous Menstruums, such are Spirits of wine, Hydromel, Aqua Vita, strong waters, Some require Acid Menstruums, such are Spirits of Vinegar, Honey, Sugar, Vitriol, Sulphur, Aqua fortis, Aqua regia, &c. Some requiring Alkalifate Menstruums, such are Oyl of Tartar per deliquium, Lixiviums of Quick Lime, Pot-ashes, the Ashes of other Vegetables, &c. Some require Oleaginous Menstruums, as Oyl Olive, Oyl of Turpentine, Oyl of Aniseeds, &c. Lastly, some require Aqueous Menstruums, such are

Beer, Ale, Wines, simple distilled Waters, May-Dew, Rain, and Fountain Water, &c. Now what those several and individual Matters are which require those particular and singular Menstruums, we hope that he that has read thus far through all the many and various Examples of the *Praxis*, delivered in the foregoing Books of this Dispensatory, cannot well be ignorant.

5. *This kind of Extraction is performed by Digestion and Filtration.*

What that is we have already declared in Chap. 9. foregoing: what Filtration is, see Ch. 12. following.

6. *The intension of this kind of Extraction is either for Decoction, Infusion, Tincture, or Extract: or else for a farther separation which is performed by distillation or sublimation.*

7. *The last kind of Extraction is performed by Distillation, Sublimation and Calcination aforementioned, of which in their places we sufficiently treat.*

By the first is extracted Waters, Spirits, Oyls, and Volatile Salts. By the second Flowers: By the last Alkalious Salts, of which we have largely spoken in Chap. 8.

CHAP. XII. OF SEPARATION.

1. Separation is the segregating or parting of Heterogeneous, mixed or confused things one from another.

2. This is done either in Bodies imperfectly and unequally mixt, or in Bodys more perfectly and equally mixt.

3. In such things as are imperfectly mixt, as Fæces with clear or thin Liquors, or Oyl with water, the Separation is performed; 1. By decanting or straining. 2. By a Tritorium. 3. By Gossipum. 4. By Paper or Filtration. 5. By Glass.

4. Such Heterogeneous things whose grosser Matters settle, may be separated by Decantation or pouring off after sufficient settling; otherwise, if the gross or Heterogeneous matter swims, it is separated through a Cloth or Sieve.

5. Oyl and water are separated by the Tritorium or separating Funnel, having a narrow Orifice in the bottom, which is stopped, then the mixt Liquor is put in, and set by its self for a while till the water settles, which by opening the stopped Orifice runs leisurely out, so stopping the Orifice again, the Oyl is left remaining.

6. By Gossipum, or Wooll: A Glass with a narrow mouth being filled with Water and Oyl to the top, and so left standing till the Oyl swims, and another Glass by it but lower than it, then put the Cotton or Wooll between, so that the one end may touch the Oyl, the other end may hang into the lower Glass; by this means the Oyl will go through the Wooll to the lower

Glass, leaving the Water behind;

7. By Paper, which is commonly called Filtration; the Paper being turned into a Pyramid or Cornute, is put into a glass Funnel, through which the thin Liquor passes, leaving either Oyl or Sediment behind. See Cap. 3. sect. 2. 4.

8. By beaten Glass, placed below in a Glass Funnel, through which Glass the Liquor by degrees distils, leaving its filth behind: this is chiefly used in corrosive Spirits, such as are Niter, Salt, Vitriol, Sulphur, &c. being filled with any kind of filth or grossness, &c. For should they pass through Cloth, Cotton, Paper, &c. they would corrode, eat, and burn it, and thereby become more filthy.

9. Hitherto of the Separation of Bodies imperfectly mix'd: Bodies more perfectly mixt are separated either by Precipitation, or Distillation.

10. Precipitation follows Dissolution, and it is an Aër causing the dissolvent to let fall the matter dissolved to the bottom.

This is done by means of some Medium. 1. Resinous substances extracted by S. V. are precipitated, by water, that weakning the dissolvent, whereby it lets the Resin fall, or you may do it by a gentle evaporation. 2. Vitriolated Dissolutions are precipitated by Tartar and Alkalies. 3. Metals dissolved in Aërior Spirit of Niter, are precipitated with Sea-water and Alkalious Lixi-

ums,

ums. 4. Sublimed Mercury dissolved in water of Sal Armoniack is præcipated with white Salt of Tartar. 5. Pearls and Corals dissolved in A. Spirit of Niter, Sugar Honey, Vinegar, or Limons, &c. are præcipated, either with a great quantity of water, or Oyl of Tartar. 6. Flowers of Sulphur dissolved with Salt of Tartar is

præcipated with an Acid, as Spirits of Niter, Vinegar or Vitriol, or Alum dissolved in water. 7. Bismuth dissolved in Spirit of Niter is præcipated with Sea-water, &c. Of this in the foregoing Dispensatory you have multitudes of Examples. Of Distillation we shall speak in the next Chapter.

CHAP. XIII. OF DISTILLATION.

1. **D**istillation is the Attenuation and Ascension of the subtil or more liquid parts of any body in Vapors, by means of Heat, which cooling aloft, descend or distil by drops into a Receiver.

Or, It is the Separation of the more thin or subtil parts, from the more thick or gross; by the force of heat or fire.

2. It is considered in a threefold sense, viz. 1. In respect of the Vessel.

2. In respect of the Heat. 3. In respect of the manner of Operation.

3. In respect of the Vessels, it is done either in an Alembick, Retort, or a Vesica.

The Alembick may either be of Copper or Glass: The Retort may be either of Earth, Iron or Glass. The Vesica is generally Copper: That done in an Alembick is an upright way of Distillation, wherein the Vapors raised are converted into Liquor in the Head of a superior Vessel, through whose Neck it falls into a Receiver placed below it; this is used for the more Volatile matters. That

by a Retort is an Oblique or Side-long Distillation, used for the distilling of the more ponderous Spirits, Oyls and Volatile Salts, which will not so conveniently ascend by an upright Distillation: The Vesica is indifferently used for the Distillation of Waters, and Oyls in large Qualities.

4. In respect of the heat, it is done either by Balneum Vaporis, Balneum Mariæ, Ashes, Sand, or a naked fire, &c.

That which acts by Dew or Bath is for the Distillation of the most subtil Spirits of Vegetables: that by Sand or Ashes for the more weighty Oyls and Volatile Salts of Wood, Gums, and parts of Animals; that by a naked fire is for the Distillation of the hardest Bodies as Bones, Metals, Stones, and Minerals, &c. But this is generally to be considered, That the Artist is not absolutely bound to these Limitations of Distillation, because (as we have said once before in the degrees of fire)

fire) in a Bath you may have a dewy heat: in ashes you may have the heats of the Bath and Dew. In Sand, you may have the heat of Sand, and the heats of the three former; and in a naked fire you may have all sorts of heat; but in these cases, it requires discretion, and an experienced Artist to regulate the fire to its exact degree, or just proportion of heat, which each in their own particular Modes and Vessels cannot easily be mistaken.

5. In respect of the manner of doing it, it is either done by ascension or descension.

Of Distilling by Ascension we have spoken before, which is always used in things where the excellency of the Scent or Odour is respected; for such things as are distilled by descension stink abominably.

6. Distillation by descension, is either immediate, or after Calcination.

7. Immediate distillation by descension is used about thick and gross Bodies, chiefly Roots, Barks, Woods, &c.

The manner of doing this we have taught before in the Constitution of the Furnace for that purpose: but its now not much used: The Reason is, because whatever may be done this way, may be done the other also with advantage.

8. Distillation by descension after Calcination, is that which is called per deliquium.

It is chiefly used for the making of Salts into Oyls.

9. To Distillation belongs Cohobation and Rectification.

10. Cohobation is a pouring back

again the Liquor distilled upon the Caput Mortuum or Substance whence it was drawn, to the end it may be distilled off again.

The Intention hereof is to open and dissolve the parts of mixt Bodies, that thereby they may yield the full of their more pure Substance: This work often repeated is a kind of Circulation.

11. Rectification is the Separation (by Distillation) of the most Spirituous and Volatile part of any Body: chiefly liquid, leaving the flegm, watery part, or Colophony behind: Or, It is the Purification and Exaltation of the most pure parts; by means of a separation from the impure.

The manner of doing this remains to be considered.

12. Spirits are rectified by distilling them over again with a gentle fire, observing to remove the Receiver when the taste or smell or both begins to change.

In Aromatics the pure Spirits ascend first and leave the flegm behind them: In Acids, the flegm ascends first leaving the exalted Spirits behind, which ought also to be drawn over into a new Receiver, that they may appear clear and transparent: This Rectification is so often to be repeated, till the matter intended, has attained its utmost purity.

13. Oyls are rectified by drawing off their thin aethereal parts, leaving their Colophony, Resin, or Balsam behind.

All these things are to be done with a gentle fire, least you have a mixture of impurity with the purity.

CHAP.

CHAP. XIV. OF SUBLIMATION.

1. **I**T is the lifting up and attenuating of the Subtil and Volatile parts of dry Bodies, by means of heat causing them to stick to the upper parts of the Vessel used in this work.

Or, It is a Separation of the thin, fine, and volatile part of dry Bodies from their gross and impure, by means of a gradual heat.

2. In Vegetables and Animals, the matter to be sublimed is their Volatile Salt, which generally ascends with the Spirit and Oyl.

How particularly Gums, as Benjamin, Storax, &c. are sublimed: See in their proper places.

3. Minerals are sublimed either per se, or by help of a Medium.

The matter so sublimed is called Flowers; of these there are plenty of Examples through the several Books foregoing of this Dispensatory.

4. The Medium used in Sublimation is generally taken from Salts. Some things are so fixed that they will not ascend without the mixture of Volatile Salts; as

of Sal Armoniack, and such like. Again, some are so Volatile (as Mercury) that they will not sublime without the mixture of fixt Salts, as of Bay-Salt, Vitriol, and such like.

5. The way and manner of Sublimation, is something various, according to the matter to be sublimed, of which for a clear understanding of the thing, Take the sublimation of the flowers of Sulphur (in lib. 3. cap. 11. sect 2.) of Antimony (in lib. 3. cap. 8. sect. 75.) and of Mercury (in lib. 3. cap. 7. sect. 44.) for Examples.

6. The end of Sublimation is either to separate purity from impurity, and volatile parts from fixed parts; or for an intention of Fixation.

So Sulphur is sublimed that it may be cleansed & made more pure and fine: Sal Armoniack is sublimed to separate the Volatile Salt from the fixed Salt: and Mercury is often sublimed for a purpose of Fixation, of which in the ensuing Chapter we shall speak more fully.

CHAP. XV. OF FIXATION.

1. **F**ixation is the confirming and fixing of the Volatile properties of things, or the coagulating of fluctuating forms.

2. The first is done, either 1. By an equal conjunction of differing things having an homogeneous property with the thing to be fixed; or

2. By

2. By vastly over-powering it with another thing of an opposite quality, or 3. By manifold sublimations.

Thus Volatiles joyned with Volatiles cause fixed things: as in the mixing Quick-lime and Vinegar together, you have a vast quantity of fixed Salts, out of two Volatile Salts, which in their own natures are so fugative as not to be attained the common way *per se*. So also Volatile things being mixed in small proportion with vastly the excess of a fixed thing become fixed: But because the life of fixed things is made passive by the matter fixing, and nothing but Active things have force to penetrate, move, change, and destroy contrary properties, it ought rather to be the care of a Physician to avoid all fixed things, and to preserve the Volatile properties, because such only have power to act: for although many fixt things are not hurtful, as to their Essence, by reason they are as it were dead, at leastwise dead as to Action (for 'tis true the life cannot dye, yet it may seem as dead being void of action, from being overpowered with a dead matter or Principles, besides which nothing else can be said to be fixt:) yet being void of any good which they can do, may so far hurt, as they are either hinderers of better things, or causers of Obstructions by the quantity of their matter.

3 The coagulation of fluctuating forms is considered either in

Congelation, Crystalization, or Insuffation.

4. Congelation happens only to such things which, being liquified by heat are stiffened or made solid by cold.

Such are all sorts of Fats, Butters, Rosins, Gellies both of flesh and fruits, Oyls of Nutmegs and Aniseeds by expression, with several things of like nature.

5. Crystallization, is a kind of Congelation, making liquid things like Crystal.

This belongs chiefly to all sorts of Salts, to which you may add Tartar and Sugar.

6. It is done by dissolving the matter to be crystalized in warm water, then evaporating away a good quantity of the said water, and setting the remainder in a cool place, as a Cellar, &c. to shoot into Crystals.

Where note, 1. When the Crystals cease to shoot, pour off the Liquor which is not Crystalized by inclination, then take the Crystals out, dry them, and keep them for use. 2. Put the Liquor into the Vessel again, and evaporating a good quantity of it away, as before, set the Vessel in a cool place, as aforesaid to Crystallize, which work so often repeat, till no more Crystals will be produced. 3. This may be done in Tartar, Sugar, Niter, Vitriol, Essential and Elementary Salts, and to several Minerals dissolved by corrosives.

7. Insuffation is the Evaporating of the hum dry of liquid Bodies,

dys, either to the Consistence of Honey, or to dryness..

Herein you ought to be regulated by the Advice of the

Physitians. The chief things subject to this operation are expressed Juices, and Extracts.

CAP. XVI. Of FORMS Chymical.

THe simple forms of Chymical Medicines are in number twelve, viz. 1. Waters. 2. Spirits. 3. Oyls. 4. Balsams. 5. Quintessence. 6. Elixirs. 7. Tinctures. 8. Extracts. 9. Magisteries. 10. Salts. 11. Liquors. and 12. Flowers. The general Precepts or ways of making them, we now come to declare in Order.

I. Of making distilled WATERS.

1. *Simple waters from fresh herbs and flowers* are distilled by the Colledges prescription in lib. 1. cap. 10. at the end of Sect. 21. But it will be much better to bruise them; and by adding Tartar, Common Salt, Leaven or Yest to digest them, adding to them Spring-water, and fermenting them, then distilling in an Alembick with a Refrigeratory or Worm, till the change of the taste shews the Virtues to be drawn off separating the oyl, if any be, from the Water. 2. *Waters from Juices*, ought to be distilled in B. M. that burning may be avoided. 3. *Waters from dried Herbs*. Cut and infuse them in hot water, then distill in B. M. but being digested beforehand with Tartar & Leaven the water will be the better, and so much the more noble if the distilled water is cohobated and

distilled over again, Where note, That Waters from tender Herbs and Flowers, whose strength easily vanishes, and from cold Plants are distilled in B. M. But from Spices and hot things, whose strength lyes deeper, it is best to distill them being dried, and by a Vesica, so have you the more noble waters and Oyls. 4. *Waters from Fruits or their Juices*, are distilled as Waters from other Juices. 5. *Waters from Seeds*. Beat them grossly, infuse them in water, then distill by a Vesica. 6. *Waters from Roots*. Shave or rasp them, or bruise them, steep in water, and distill by a Vesica. 7. *Waters from Woods*. They are distilled as the former. 8. *Waters from Spices*. Take the Spices, bruise them grossly; steep in proper Liquor, as Wine, Hydromel, Beer, Water, &c. then distil a Vesica, so have you Water and Oyl which separate if need be. 9. *Waters from whole Animals*. Take whole Animals, as Snails, Worms, Puppy-dogs, Frog-spawn, cut them small and bruise them, then distill in B. M. or rather to avoid an ill scent in *Balneo Vaporis*. 10. *Waters from Marrows and Brains of Animals*. They are distilled in the same manner, adding some

some Cephalick water as of Lily-Convally, Peony, &c. 11. *Waters from Blood.* They are distilled in B. M. But they are best drawn at a bare fire, and with a glass still. 12. *Waters from Horns.* They are made of young Horns by a Retort or low Gourd from B. M. or *Balneum Vaporis*, either *per se*, or by the addition of a little Wine. 13. *Waters from Dung.* They are made either by B. M. or by Ashes, so have you Water first, then Oyl.

2. *Of making Spirits.*

1. *The more Volatile Spirits* are distilled in an Alembick with a gentle fire, viz. in *Balneo Vaporis*, B. M. or in Ashes: The more fixed Spirits are drawn by a Retort with a stronger fire. 2. *Spirits from Herbs and Flowers.* Bruise them, pickle them with Bay-Salt in an earthen Vessel, by mixing the Salt dried therewith, then press them down, close the Vessel, and set it in a Cellar for two or three months, till they have a sharp or wine-like scent, afterwards distill by B. M. or a Vesica, to dryness; cohobate, and distill again, then rectify. 3. *Spirits from Juyces.* Bruise and press out the juyce; if they be not juicy, sprinkle hot water thereon, then express: steep this juyce with fresh Herbs, press out again, and with fresh Herbs repeat the Digestion till you have Juyce enough: this Juyce ferment, which you may forward by adding common Salt, Tartar, Yest, Lees of Beer or Wine, Leven dissolved in Water, or Sugar, &c. and then distill as before. Hence the difference between Waters and

Spirits plainly appears: *Waters* are made without fermentation, *Spirits* with; for the ways of distilling both are one and the same. The reason of fermentation we have largely expressed under that Title; for, by means thereof things do the more readily exhale their Spirits; and it is best done in Wooden Vessels. 4. *Spirits from Fruits.* Take their Juyces, ferment them till they become Wine, then distill them as before: If they be dry and not very juicy, as the Hawthorn-berries, you may bruise them, add warm Water, then press out the juyce, and so ferment it. Thus is made the Burning Spirits of Grapes, Apples, Pears, Plums, Medlars, Quinces, Juniper-berries, English Currans, &c. 5. *Spirits from Fruits which have a Pulp*, as Black Cherries, Straw-berries, Elder-berries, Goose-berries, &c. Take their Pulp (freed from the stones) put to them warm water to make them thin, then ferment them with Yest or Leven, or digest them fourteen days with Salt, after which distill. 6. *Spirits from hot Seeds, and Spices.* Bruise and macerate them with Wine, Hydromel, Beer, Water, &c. ferment, and distill: so have you a great deal of Water mixt with Spirit, which by rectifying you may separate. 7. *Spirits from cold Seeds and Corn.* These ought first to be malted, after made into Beer, then distilled; so have you in like manner a great deal of Water mixt with Spirit, which by rectification is to be separated. These Spirits thus taken from

from Leaves, Flowers, Fruits, Seeds, and Spices, are said to be the more Volatile: those taken from Roots, Barks, Woods, Mistletoes, the less Volatile. 8. *Spirits from Roots, Woods, Barks, &c.* They are distilled forth, with the Oyl, as we shall hereafter teach, which being separated and rectified upon Colcothar, or Sea-salt, with its proper Ashes you have (after an insipid Flegm) a sharp Spirit. 9. *Spirits from Animals, or their parts, as of Horns, Bones, Hoofs, Flesh, Blood, Urine, &c.* They are made as we shall teach in Oyls; which is a sharp piercing Spirit, rectified from a Liquor, separated from the Oyl, being drawn with it in Distillation. 10. *Spirits from Minerals.* Dissolve the Mineral in some Acid, then Chrystallize, or turn it into Vitriol, from which draw a Spirit, as you draw Spirit of Vitriol: But as to their particular ways of preparation, See in their proper places. Some are of Opinion that if Spirits be digested with high rectified Oyls, that the Oyl will be sucked up by the Spirit, become united therewith, and pass under the denomination of a Spirit also.

3. Of making distilled Oyls.

1. *Oyls from Herbs and Flowers.* Take Herbs or Flowers green or dry (but the dry afford the most Oyl) bruise them, and digest them fourteen days in Water, let them putrify; for the helping of which, you may add Salt or crude Tartar, then distill by a Vesica, making a great Fire at first. 2. *Oyls*

from Seeds. Take Seeds (as of Anice) lbj. bruise them grossly, affuse on them hot water, then add a handful of Salt, or crude Tartar ℥ij. digest 8 or 9 days, then distill with a Vesica and a gentle fire. 3. *Oyls from Fruits,* as Juniper-berries, Bay-berries, &c. Bruise them, digest with Water and Salt, or crude Tartar, and distill as in Seeds. 4. *Oyls from Roots.* Take Roots dried, and gathered before budding forth) beat, digest in Water with Salt, or Tartar, then Distill: Cohobate the distilled Water digest and distill again: separate the Oyl from the Water, and in that water digest new Roots, &c. 5. *Oyls from Peels,* as of Oranges, Lemons, Citrons, &c. They are drawn from the Peels (not dry) altogether in the same manner as from Roots. 6. *Oyls from Woods and Mistletoes.* Fill an Earthen Retort with dry Chips, Lute it well and distill leisurely (for otherwise the strength of the Spirit may cast off the receiver) into a large Recipient, adding fire by degrees: so have you first a clear Liquor: continue the fire, and about four hours after, you will have a cloudy Liquor: then increase the fire till the bottom of the Retort is red hot, so will there ascend a black stinking Oyl, which separate from the Liquor and rectify. Thus may you make Oyl of Guajacum, Oak, Ash, Box, Hassle, Xyloaloes, Sassafras, Ebony, Juniper, Sanders, Mistletoes, Snake-weed, &c. Where note, that some Distill these things by descent, but because

cause it makes a thicker and more fetid Oyl we use it not. 7. *Oyls from Aromarick Woods, as Sassafras, Rhodium, yellow Sanders, Agallochum, Cypress, Cedar, Cassia Lignea, &c.* R. Chips of Raspings thereof, digest in Water, then distil by a Vesica, continue distilling some days, at last the Oyl will come forth very Subtil and Volatile. You may rectify them, distilling by a Cucurbit or Vesica with much water: but if they be heavy 'twill be best to mix them with Sand, and distil by a Retort. 8. *Oyls from Spices.* Bruise the Spices grossly (for Pouders yield less Oyl) digest seven days in the Menstruum you intend, adding Niter, Tartar or Salt then distil in a Vesica, so have you the Water and Oyl, which separate as we have before taught. The weighty Oyls (as Oyl of Cinnamon) may be separated from the Water by letting them seile fourteen or sixteen days in a cold Cellar, after they are Distilled, so will the Oyl be at the bottom. 9. *Oyls from Rosins.* Add to more Water, and distil by Vesica, so have you a Water and an Oyl swimming upon it, this Oyl is called Spirit: Continue the Distillation, and by degrees it will be yellow, then change the Receiver, and take this yellow Oyl by its self, Distilling till no more appears, this is called Oyl. The matter remaining is called Colophony, take it out, and distil it in a Retort, so have you a thick, red Oyl; this is called Balsam. Where note, all these Oyls may be Distilled at once by a Retort, by mixing Sand with the

melted Rosins (to prevent in some measure burning) and increasing the fire by degrees, changing the Receiver as the matter Distilled changes: but doubtless the former way is better; for this way, do the best, they will a little stink. 10. *Oyls from Gum-Rosins.* Put them mix with Sand, Flints in Powder or Salts into a Glass Retort with a large Belly, so as to fill about a third part of it: distil by Sand into a Receiver, (filled partly with water) first with a gentle fire, so have you an Oyl: then with a greater fire, so have you a Balsam, which you may rectify, destilling it from much water, upon Ashes, or from Brickbats, as you make Oyl of Bricks. 11. *Oyls from Gums and Rosiny Extracts of Woods:* They are drawn altogether as from Rosins. 12. *Oyls from Horns, Hoofs and Bones.* They are distilled by a Luted Retort, so have you an Oyl, a sharp Spirit mixt with Flegm; and a Volatile Salt. 13. *Oyls from Fats, Suet, Grease, Butter, Wax, Marrow, Brains, and such like,* and distilled in a Glass Retort by Ashes or a Sand heat, adding to the things distilled, a half, third or fourth part of powder of Bricks, Salt, Sand or Ashes, (to make the Oyl ascend the better) according as the matter to be Distilled is in thickness. 14. *Oyl from Blood.* Take warm Blood, digest it three or four days in B.M. in a close Vessel, then distil it by an high and large Earthen Retort, till only a light, spungy, black earth remains, so have you a liquor mixt with a small quantity of stinking

Oyl

Oyl, which by Filtration you may separate: the Liquor will pass through, and the Oyl will remain: this Liquor by Distillation yields a Spirit and Volatile Salt sticking to the Still.

4. Of Making distilled Balsams.

They are made in all respects as the Oyls aforesaid: It remains that we shew the difference between them: Some Authors call them Oyls only, which are drawn from Simples: those Balsams, which are extracted out of Compounds; But this can be no true difference, for Oyls may as well be Compound as Simple, and Balsams as well Simple as Compound: The true difference lyes only in the consistence and thickness of the Bodies: Hence it appears, that the Oyls are the more thin, pure and volatile parts; and those which (of any Oily Substance rise) first in Distillation: Balsams are those which ascend (next after the pure thin Oyl is drawn off) of a thicker Body, deeper Colour, and by means of a stronger fire; and are oftentimes also made in rectification of Oyls, when drawing off the thin part, the thick Balsamick is left at the bottom: but they are properly Balsams which (the thin being drawn off in a Vesica) are after drawn off from the Colophony by a Retort.

5. Of making Quintessences.

Quintessences are made by a Conjunction of all the Principles, or pure parts, viz. Spirit, Oyl and Salt, being extracted apart and united by manifold digestions: of which, since there are plenty of Examples already de-

livered in Lib. 4. Cap. 5. foregoing, as well Vegetable and Mineral as Animal, we shall here desist, referring you thither.

6. Of making Elixirs.

An Elixir in a true sense is a fortified Quintessence, for it ought to be an union of the three Principles, Salt, Sulphur and Mercury, together with the Essence of the thing you design: but as it is now received, it is a spirituous Liquor of great power, made by Infusion and Digestion, of which the *Elixir Proprietatis* is an Eminent Example: But various Elixirs have various ways of Preparation, of which, the most that can be said is this, That an Elixir is an Extraction by means of a Spirituous Menstruum, impregnated with Oyl and Salt; which if it be made of the Spirit of the same thing, fortified with its own Oyl and Salt, is by so much the more powerful: for according to the Opinion of some very Learned Men (that as every like draws its like, so every Principle draws its part. So by infusion of Rosemary in Spirit of Rosemary, impregnated with the Oyl and Salt of Rosemary, you shall have at last Elixir of Rosemary. If the Elixir be made of Minerals, the body of the Mineral must be so open'd before hand that it may yield up its Essence, to the Menstruum (made of the three Principles of the same Mineral) in which it is digested.

7. Of making Tinctures.

Tinctures are either Liquid or Solid. 1. The Liquid, are only

ly Extractions by means of a Menstruum, the Menstruum remaining. They are extracted out of such things chiefly as are either glorious for colour, delicious for taste, or fragrant and odoniferous for smell. They are made by digestion of the matter in a proper Menstruum for some time, either with or without Heat.

2. *Tinctures of Herbs and Flowers.* Infuse them in proper Water, or Spirit of their own kind, warm, or in S. V. adding some drops of Oyl of Virriol or Sulphur: digest 5, 10, or 20, days, then decant.

3. *Tinctures of Fruits.* Take Rob of the Fruit, and with its own Spirit or S. V. extract a Tincture. Or, you may extract a Tincture from the dried Fruit, as aforesaid, or with some Distilled Water. After these forms are made the Tinctures of Cherries, Straw-berries, Elder and Dwarf Elder-berries, Bramble berries, Mulberries, &c.

4. *Tinctures out of Barks, Peels and Woods.* Bruise them and digest 20 days either in their own Spirit, or Spirit of Wine.

5. *Tinctures of Minerals.* They are severally prepared, according to their kind, of which see in their place.

6. *Solid Tinctures.* They are powders remaining without combustion from liquid Tinctures, the Menstruum being drawn off: These are usually from Minerals: yet *Cochinele* is a solid Tincture of it self without preparation, so is *Gutta Gamba*.

8. Of making Extracts.

1. *The General way of making Extracts,* is already declared at

large, lib. 4. cap. 8. sect. 1. Some particular Observations follow.

2. *Extracts of Herbs and Flowers.*

Take them green and bruise them, draw a water gently from them in B. M. to driness, powder the fæces grossly, and with the Distilled Water make an Extract. Or thus; Take dried Herbs, Buds or Flowers, cut them and add S. V. rectified: digest a week, then strain; digest again, then decant it from the fæces or filter (not clarify with the whites of Eggs, which is to be observed in all resinous Extracts) lastly, draw off the Spirit in B. M. till the Extract is of the thickness of Honey.

3. *Extracts of Seeds,* are made with S. V. or some other burning Spirit.

4. *Extracts of Fruits.* They are seldom made of the Fruits themselves unless dried, but of their juyces or Rob, with S. V. or their own burning Spirit.

5. *Extracts from Roots.* They are either made of dried Roots with Spirit of Wine, or their own inflammable Spirit: or else from their juyces being baked or boyled, strained and inspissated. *Quercetan* in Bezoardick Extracts, uses the Inflammable Spirit of Juniper-berries.

6. *Extracts from Woods and their Barks.* They are either Viscous or Resinous. A viscous Extract is only a waterish inspissate Juice, which will dissolve in water again. It is drawn out by Decoction, boyling the chips or raspings of Wood in water, then strain-

ing

ing, clarifying and inspissating. The resinous Extract is drawn with rectified S. V. or other inflammable Spirits, as also with strong Wines, Hydromel, &c. Thus, Take Rasplings of Guajacum, digest them in S. V. in a close Glass in Balneo Vaporis, for 15 or 20 days, till the Menstruum is red and grows thicker, strain and abstract to the thickness of Honey. This put into cold water will congeal like Aloes or a red Rosin. You may draw these Extracts also with Distilled waters, sharpened with juice of Limons or Oyl of Sulphur; as also with Vinegar, Spirit of Vinegar, and such like. Schroder saith, That Spring water alone will make an Extract from Rosins by long boyling: Extracts thus drawn with S. V. and precipitated with water are called Magisteries, as those of Jallap, Scammony, &c. 7. Of Extracts from Spices. R Cloves or Cinnamon grossly beaten, ℥ij. Distilled water, ℥xii. Spirit of Wine ℥iv. digest in a glass Vessel close stopped, strain and clarify by digestion: then in B. M. draw off the first Spirit, the rest of the Humidity evaporate to a fit consistency, adding after the said first Spirit drawn off in B. M. Thus may you Extract Ginger, Calamus, Cassia Ligneæ, Cardamoms, Jamaica Pepper, Cubebs, &c. 8. Extracts from Rosins. It is done with S. V. but 'tis a vain kind of work, for they (if pure,) are wholly an Extract: if they be impure, you may do it to cleanse them. 9. Extracts from Gums. They are made by separating the Viscous from the Resi-

nous parts, thus: Dissolve them with a gentle heat in water, then clarify or strain: let it settle some days that the Resinous part may fall; then decant the liquor (from the Rosin) and clarify it with the White of an Egg, or strain it; Lastly, inspissate in Balneo Vaporis, so have you a Viscous Extract; The remaining substance, dried by a gentle heat, becomes a Rosin. 10. Extracts from Flesh. Digest pieces of Flesh some days in S. V. impregnated with the Essence of Myrrh, wash and dry them. Then make an Extract with S. V. Aqua Vitæ, or some other inflammable Spirit, and inspissate to a due consistence. 11. Extracts from Dung. They are best made of the dry Dung with S. V. because it corrects the stink. 12. Extracts from Galls. They are made in the same manner (from the Gall inspissated) with S. V. 13. Extracts from Bones. Take two or three fresh Skulls, powder them grossly, Digest with Aqua Vitæ, S. V. Spirit of Juniper, of Sage, or of sweet Marjoram, for a month in a Vessel well luted, then strain, so will you have a Blood red Oily or Resinous Liquor; to the faces put new Menstruum, digest 7 days, and strain it: put the Liquors together, and abstract the Spirit in an Alembick, till an Extract remains of the thickness of new Honey. 14. Extracts from Horns. They are made of the fresh Horns, (whether old or new) with S. V. Spirit of Juniper, or Aqua Vitæ made sharp with Spirit of Sulphur.

9. Of making Magisteries.

1. Take the matter, beat it gross-

grossly or bruise it, and putting to a convenient Menstruum Sulphurous, as S. V. Alcalious or Acid, either to dissolve or extract it; then precipitate with some other Matter or Liquor of a contrary nature cast in, which may weaken the strength of the Extracter or Dissolvent, and decanting the Menstruum, take the powder at bottom, wash, dry, and keep it for use. 2. *Magisteries of Vegetables.* Cut or bruise them, and with a strong Lixivium of Common Salt or Salt of Tartar in Rain-water make an Extraction: after some days decant and precipitate with Alum-water, in which Gold is dissolved. Thus may you make Magisteries of Vegetables both Alterative and Purgative, as Magistery of Rhubarb, which is said to work in half a dram. 3. *Magisteries of Oily Bodies, Rosins and Resinous Bodies, such as Cinnamon, Turbith, Jalap, &c.* They are drawn by S. V. rectified and precipitated with Alum-water or Common-water. 4. *Magisteries of Bones, Horns, Shells, Pearls, Amber, Stones, &c.* They are dissolved with Acids or some Mineral Spirit, and precipitated with Alkalies or fair Water in large quantity. 5. *Magisteries of Minerals.* They are first poudred fine, then dissolved with Spirit of Vinegar *per se*, or sharpened with Spirits of Niter, Vitriol, Sulphur or Salt; lastly, precipitated with Oyl of Tartar *per deliquium*: sometimes by Spirit of Niter, Vitriol, or Salt-water, according to the Heteroginity of the Dissolvent: by the first the pre-

cipitate will be of a brown, dun, Orange-tawny colour, but by the latter, white.

10. Of making Salts.

This is discoursed at large, Lib. 4. Cap. 10. Sect. 1. where note, that Alcalious Salts are much preserved from melting in the Air by being Calcined with Sulphur.

11. Of making Liquors.

Liquors are a kind of Humidity made *per deliquium*, or Salts dissolved and impregnated with the Powers and Virtues of their own Original matter or others. Thus, Take Salt of Rosemary, melt *per deliquium*, or make Lixivium with Rosemary, or Rain-water, in which digest bruised Rosemary, Bawm, Sage, or Lavender for 20 days, then decant and keep it for use. Re a strong Lixivium of Salt of Tartar, in which digest bruised Cinnamon, Nutmegs, Cloves, Mace, &c. for 40. days, then decant and keep it for use. Where note, that Liquors are not to be taken alone but mixed \mathfrak{z} s. or more at a time, according to their strength, with a glass of Wine or Hydromel.

12. Of making Flowers.

They are the pure parts of Bodies, and are made by Sublimation: The chief are Mineral, viz. of Sulphur, Antimony, Cinnabar, Cinnabar of Antimony, Arsnick, Orpiment, Mercury corrosive and sweet, Sal Armoniack, Bismuth, &c. There are Flowers also of Benjamin and other Gums: all which see in their places.

An Appendix concerning the BLOODS of Vegetables.

13. Of making the Blood of Vegetables.

1. Extract the juyce out of juicy Roots, digest it in a Glasse with Bread of Wheat and Rye, and Wine, or Spirit of Wine, till it is red; decant it from the fæces, and distil from it a white water, so will you have the Blood at bottom like a red juyce. Thus is made the Blood of Henbane roots, used in all Laudanums and Anodynes, as also the Blood of Esula or Spurge, the Blood of Satoryon and other Roots. 2. *Sanguis Symphyti*, the Blood of Comfrey. *Re* Roots of Comfrey the greater and lesser well cleansed: beat them well in a Marble Mortar with a Wooden Pestle, till they become a Pulp: *Re* of this Pulp *℞*iv. Crums of Rye and Wheat Bread, *A*. *℞*j. mix them well together, sprinkle them with White Wine, and put them into a Balthead, stopping of it well with Cork and Spanish Wax, so that nothing may transpire: Place this Matraß in warm Horfe-dung, or in Balneo

vaporoso, till the matter is changed into a rubicund or Bloody Chyle; then force it strongly out with a Press, put the expressed Blood into Balneo Vaporis, that by this second digestion it may acquire a greater redness, and some fæces may settle, which separate, continuing this digestion and depuration, till the Blood becomes absolutely clear, and of a most perfect red. From this with an Alembick and the heat of a vaporous Bath, separate a thin and clear liquor, so have you remaining in the bottom, the Blood of Comfrey, of a very glorious colour. This is a most excellent thing against Ruptures, spitting Blood, all internal Wounds and Ulcers: It cures Consumptions, and has very strange and miraculous effects. Dose *℞*i in the morning, dissolved in Comfrey water or Alicant, or other proper liquor, and continuing of it for sixty days at least.

We have here finisht this our Dispensatory, a work so long looks for, so much desired; May the Heavenly Powers dispense their Benediction, that it may prove successful for the Good of others.

Now unto the Sacred Spring of all Mercies, and Original Fountain of Endless Goodness, who beholds the Upright in Heart, and reveals his Secrets to as many as fear him, to the Infinite and Eternal Being, the Immutabile Word who is Everlasting Burning; whose Purpose is Unalterable, whose Power is Invincible, whose Dominion is without End, and whose Compassions fail not: To the High and to the Lofty One who inhabits Eternity, and dwells in the Light; and to the Immaculate Lamb, who sits upon the Throne, the only wise God our Saviour, be Glory, Majesty, Dominion and Power, now and for ever Amen.

From the Blew Balcony by Fleet Ditch
near Holborn Bridge.

SALMON.

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The INDEX.

IT is to be Noted, that the chief and most usual names of Simple things that they are called by in the Latin Tongue, stands first in an Alphabetical Order through the whole Work, and may be found in that same Order through every Classis, those in this Index are pretermitted: what this Table exhibits are the English names, with those other, or secondary Latin names, following the said Chief or Primary, which because many of them may be as significant, and used by manifold Authors, and being impossible to be set down in a succinct Method in the Discourse itself, are here collected, and digested: if therefore any thing be proposed to be found by the English name, this Index exhibits it at first sight: but if by the Latin name, if upon search of the Index you find it not here you may certainly find it in the Alphabetical Order of its Classis. Where observe (a) directs to the first Column, (b) to the second, the number to the Page.

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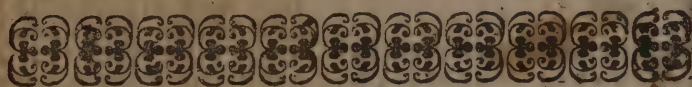
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Some Principal ERRORS of the Colledge collected. Note, the first Figures shews the page, the second the Section.

- P**Ag. 188. * D'still'd Waters.
301. 11. Bezoardick Mineral.
304. 21. White Precipitate.
305. 22. Red Precipitate.
312. 44. Corrosive Sublimate.
313. 46. Sweet sublim'd Mercury.
321. 9. Tincture of Antimony.
330. 50. Glass of Antimony.
332. 95. * Antimony Diaphoretick.
333. 59. Liver of Antimony.
335. 65. Metal of Antimony.
357. 4. Common Oyl of Salt.
365. 32. The Colled. Spirit of Sal Armoniac.
366. 36. Fixt Niter or Crystal Mineral.
371. 48. The common AF. or dissolvent in Silver.
378. 78. Oyl of Vitriol.
384. 100. Tincture of Salt of Tartar.
387. 2. Flowers of Sulphur.
392. 21. Oyl of Sulphur.
429. 94. Common Magistery of Pearl, or Coral.
443. 3. Spirit and Water of Angelica, the greater Compositum.
441. 4. Spirit of Lavender compound.
442. 7. Radish water Compound.
443. 2. * London Plague-water.
11. Bezoartick-water without Bezoar.
444. 12. * Magisterial water and Spirit of Earth-worms.
445. 14. Gilberts water.
15. Saxonia's cooling water.
16. Treacle water.
447. 20. * Dr Stephens's water.
21. the Heavenly water.
448. 24. * Capon water.
449. 25. Magistral water of Snails.
26. Scordium water.
27. Ladies water.
28. Poppy water.
468. 20. Oyl of Guaiacum or the Pockwood.
471. 28. Oyl of Turpentine.
472. 29. Oyl of Myrrh. 30. Li-
quor of Myrrh. 31. Oyl of
Wax.
474. 38. Oyl of Bricks. 39. Oyl of
Amber. 40. Oyl of Jet.
478. 32. Oyl of Almonds.
480. 64. Oyl yolks of Eggs.
511. 1. * Paracelsus's Elixir.
527. 1. Extracts.
563. 4. Wine of Black Cherries.
573. 7. Treacle Vinegar.
578. 5. The Wound drink.
580. 3. * Syrup of Vinegar
simple.
4. Syrup of Vinegar com-
pound.
590. 9. Syrup of Mugwort.

592. 16. * The Cordial Syrup.
Cul.

594. 26. Syrup of Liquorice.

595. 28. Syrup of Hylopo.

596. 32. Syrup of Poppies more
compound.

33. Syrup of Bawm.

598. 43. Syrup of Apples
alterative.

601. 52. Syrup of Strachas.

602. 57. * Syrup of Cichory
with Rhubarb, *Cul.*

603. 65. Syrup of Roses with
Agarick.

615. 14. Compound juyce of
Liquorice.

621. 5. * Lohoch of Pine nuts.

622. 8. The healing Lohoch of
Mesue.

625. 1. Preserved Roots.

626. 4. Preserved Flowers. 5.
Apples.

627. 7. To preserve in Pickle.

8. Making Conserve.

634. 8. Pouder of Aniseed Com-
pound.

11. Pouder of Gum Lac
Compound.

635. 13. * pouder of Pearls comp.

637. 21. Confect of Gum Tra-
gacanth.

638. 24. Halyes Pouder.

25. Galens Pouder to make
merry.

639. 32. * The Species of the
Rosate Electuary.

640. 33. Pouder of Frankincense
and Aloes.

642. 42. Pouder for those hurt
by a Fall.

653. 1. * Electuaries.

655. 2. Confect of Berrys of
Chermes.

657. 15. Electuary of Seeds.

666. 42. Electuary of Hellebor.

666. 47. Holy, but bitter Con-
fect.

669. 55. A preserve for the Sight.

684. 11. Pills of two things.

13. Ill scented Pills.

687. 23. Pills of Rudius.

689. 30. Pills of Tartar.

705. 3. White Troches of Rhafis.

707. 9. Black Troches for Coughs.

713. 32. Troches of Vipers for
Treacle.

735. 50. Oyl of Orice.

753. 19. Oyntment for the
Eyes.

760. 42. The Citron Oyntment.

761. 48. The Oyntment of Par-
sly.

763. 53. Restoring Oyntment.

771. 2. Cerecloth of Oesypus.

772. 3. * Cerecloth of Sanders.

776. 4. * The Barbarous Em-
plaster.

777. 7. * An Emplaster for bro-
ken Bones.

778. 12. Emplaster of a Crust of
Bread.

783. 30. Plaster for the Womb.

784. 34. Emplaster of Meleior.

785. 36. Emplaster of Red Lead.

787. 42. Plaster of Frogs.

For the epilepsy
Peacocks Dung saith Renod
is of best of all medicines
of epilepsy coming by conceit
from of inferior parts

Pharmacop Renodae
lib 3 Cap 16 P 452

For the whites

Take of tops of oaks and
rods of five fingers an
make a strong decoction
them in milk w have in
steell bath been quenched
and drink of it.

This cured an old woman
grievously troubled with
this distemper for 3 year
after a great experience of
physick and being given
over by several Phy
sicians

Emplastrum perrugineum

R. Thuy 3℥. et ol. 3℥. Cinnabar
3℥. misce fiat Emplastrum

del Catholice

R. Gutt gam 3 ii

Helleb. nigr. 3 i B

Cremon tartar 3 i

Sal tartar am 3 B

Mercur Dul.

Diagnid et ana

Animon Diaphor grise
cum cyrup de spin

Possina fiat miz propil

Pulo. cermet.

R. Floz sulph

Sal nitr ana 3 ii

hellebor nigr

Mercurius Dulcis ana 3 i

Diagnidin 3 B

et fiat Pulo.

Ambo inventionis mee

thus wax yellow & some of
of hy unicorn

Sam. Hopper

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